

Caernarvonshire Combined Sanitary Districts

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# Annual Health Report

OF THE

District Medical Officers of Health

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## NORTHERN DIVISION :

BANGOR CITY AND CONWAY BOROUGH, BETHESDA, BETWS Y COED, LLANDUDNO.  
LLANFAIRFECHAN AND PENMAENMAWR URBAN DISTRICTS, NANT CONWAY, AND OGWEN,  
RURAL DISTRICTS.

T. HEBER PIERCE, V.R.D. M.D.,  
Ch.B., M.R.C.S., L.R.C.P., D.P.H.

(His Eleventh Annual Report).

## SOUTHERN DIVISION :

CAERNARVON AND PWLLHELI BOROUGHs ; CRICCIETH AND PORTMADOC URBAN DISTRICTS  
GWYRFAL, AND LLEYN RURAL DISTRICTS.

T. ALUN PHILLIPS, M.B., Ch.B., D.P.H.

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*For the Year 1955*

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Caernarvon :

Printed by Gwenlyn Evans Ltd., County Printing Works



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## Dr. T. H. PIERCE'S Introduction

*To the Chairman and Members of the Caernarvonshire Joint Sanitary Authority.*

LADIES AND GENTLEMEN,

I beg to submit my Annual Report for the Year ended December 31st, 1955, this being my eleventh Annual Report.

For the purpose of my Introductory Remarks all constituent Authorities in the Northern Area have been taken as one District and the following statistics are based on the Registrar General's figures of population for all Districts.

Statistics for individual Districts will be found in Section "B"—Tables in Common, and in Section "C"—Additional Local Reports.

### SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The Registrar General's estimated mid-year population was 64,130 which was a decrease of 40 under that for 1954. The districts of Bangor, Bethesda, Llanfairfechan and Penmaenmawr showed decreases of 110, 10, 10 and 30 respectively. The Borough of Conway and the Urban District of Betws-y-Coed showed no changes, and the only Urban District to show an increase was Llandudno with 70 more than in 1954. The two Rural Districts of Nant Conway and Ogwen had increases of 40 and 10 respectively.

#### BIRTH RATE.

The Birth Rate decreased from 12.92 per 1,000 of the population in 1954 to 11.76 per 1,000. During the past five years there have been successive decreases from a figure of 13.99 in 1951 to the present rate.

The Live Birth Rate for England and Wales was 15.0 per 1,000 of the population compared with 15.2 per 1,000 in 1954. This has also decreased from a rate of 15.5 per 1,000 in 1951.

#### DEATH RATE.

The Death Rate was 15.02 per 1,000 of the population compared with 14.30 per 1,000 in 1954.

The Death Rate for England and Wales was 11.7 per 1,000 of the population compared with 11.3 per 1,000 in 1954.

#### INFANT MORTALITY.

The Infant Mortality rate again showed a decrease from 25.33 per 1,000 live births in 1954 to 23.87 per 1,000 in 1955. This was less than the Infant Mortality rate for England and Wales which was 24.9 per 1,000 live births in 1955, 11 of the 18 deaths of infants under 1 year of age occurred under the age of 4 weeks.

#### CANCER MORTALITY.

There was a slight increase in the Cancer Mortality Rate from 2.477 per 1,000 of the population in 1954 to 2.963 per 1,000 in 1955. The Cancer Mortality Rate for England and Wales also increased from 2.035 per 1,000 of the population in 1954 to 2.963 per 1,000 in 1955.

#### TUBERCULOSIS MORTALITY.

The Tuberculosis Mortality Rate showed a decrease from 0.49 per 1,000 of the population in 1954 to 0.3118 per 1,000 in 1955. The Tuberculosis Mortality Rate for England and Wales also showed a decrease from 0.179 per 1,000 of the population in 1954 to 0.146 per 1,000 in 1955.

# WHOOPIING COUGH AND MEASLES.

There were no deaths from Whooping Cough and Measles during 1955.

# DIPHTHERIA.

No cases of Diphtheria were reported during 1955 and there have been only three cases during the last five years with no deaths.

# ACUTE POLIOMYELITIS.

There were no deaths attributable to Poliomyelitis during the year.

# INFLUENZA MORTALITY.

There were 7 deaths attributable to Influenza during 1955 giving an Influenza Mortality Rate of 0.109 per 1,000 of the population, compared with 0.06 per 1,000 in 1954 and an Influenza Mortality Rate of 0.067 for England and Wales. The Rate for England and Wales in 1954 was 0.04 per 1,000 of the population.

# PNEUMONIA.

The Death Rate from Pneumonia was 0.38 per 1,000 of the population compared with 0.28 per 1,000 in 1954.

# INCIDENCE OF NOTIFIED INFECTIOUS DISEASES.

During 1955, 1,132 cases of infectious diseases (excluding tuberculosis) were notified compared with 532 cases in 1954 and 808 cases in 1953.

The infectious diseases notified consisted of 28 Scarlet Fever ; 111 Whooping Cough ; 828 Measles ; 75 Dysentery ; 6 Meningitis ; 8 Poliomyelitis ; 2 Encephalitis ; 12 Chicken Pox (not statutorily notifiable) ; 46 Pneumonia ; 5 Food Poisoning and 11 Erysipelas.

Table A below shows the number of male and female cases of Scarlet Fever, Measles and Whooping Cough notified, divided into different Age Groups. Table B gives the cases rates for 1955 and 1954 of certain notified infectious diseases per 1,000 of the population for the Northern Area compared with those for England and Wales.

TABLE "A"

Age Group.	NUMBER OF CASES.					
	Scarlet Fever		Measles.		Whooping Cough	
	M.	F.	M.	F.	M.	F.
Under 1 year .. .. .	—	1	11	9	5	4
1— 2 years .. .. .	1	—	63	67	10	15
3— 4 years .. .. .	5	3	112	127	13	20
5— 9 years .. .. .	2	11	207	180	25	18
10—14 years .. .. .	2	1	11	19	—	—
15—24 years .. .. .	1	1	3	5	—	—
25 & over .. .. .	—	—	4	5	—	1
Age Unknown .. .. .	—	—	3	2	—	—
TOTALS .. .. .	11	17	414	414	53	58



TABLE "B "

CASE RATE PER 1,000 OF THE POPULATION 1955 AND 1954.

	1955		1954	
	<i>Northern Division</i>	<i>England and Wales</i>	<i>Northern Division</i>	<i>England and Wales</i>
Paratyphoid ..	0.00	0.00	0.00	0.01
Meningococcal Infection ..	0.09	0.02	0.11	0.02
Scarlet Fever ..	0.43	0.73	0.37	0.96
Whooping Cough ..	1.73	1.79	2.77	2.39
Diphtheria ..	0.00	0.00	0.01	0.00
Erysipelas ..	0.21	0.10	0.22	0.12
Measles ..	12.91	15.61	3.61	3.32
Pneumonia ..	0.71	0.62	0.39	0.60
Food Poisoning	0.07	0.28	0.11	0.20
Acute Poliomyelitis	0.12	0.14	0.14	0.04

## COMPARABILITY FACTOR.

The Registrar General has issued figures known as Comparability Factors for Births and Deaths. These are numbers by which the Birth Rates and Death Rates for individual Districts should be multiplied in order to give a truer comparison of the rates, thus compensating for the fact that some districts have a population of more elderly people than others. The following are the Comparability Factors for the various districts:—

## COMPARABILITY FACTOR.

<i>District</i>	<i>Births</i>	<i>Deaths</i>
Bangor .. .. .	0.96	0.97
Bethesda .. .. .	1.13	0.90
Betwsycoed .. .. .	1.01	0.90
Conway .. .. .	1.17	0.78
Llandudno .. .. .	1.06	0.75
Llanfairfechan .. .. .	1.17	0.76
Penmaenmawr .. .. .	1.24	0.66
Nant Conway .. .. .	1.15	0.88
Ogwen .. .. .	1.15	0.78



## TUBERCULOSIS.

During 1955, 49 Primary Notifications of Pulmonary Tuberculosis and 8 Primary Notifications of Non-Pulmonary Tuberculosis were added to the Tuberculosis Registers.

The Notifications according to Sex and Ages were as follows :—

## PRIMARY TUBERCULOSIS NOTIFICATIONS.

	<i>Pulmonary</i>		<i>Non-Pulmonary</i>	
	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
Under 5 .. .. .	2	2	—	—
5—14 years .. .. .	2	3	1	—
15—24 years .. .. .	5	5	—	2
25—44 years .. .. .	7	7	2	3
45—64 years .. .. .	12	1	—	—
65 & over .. .. .	3	—	—	—
Age unknown .. .. .	—	—	—	—
TOTAL (all ages) ..	31	18	3	5

After “Transfers”, “Patients lost sight of”, “Recovered”, deaths and additions to the Registers there were 306 Male Pulmonary, 256 Female Pulmonary, 70 Male Non-Pulmonary and 57 Female Non-Pulmonary cases on the Registers on December 31st, 1955, compared with 299 Male Pulmonary, 265 Female Pulmonary, 67 Male Non-Pulmonary and 53 Female Non-Pulmonary cases on 31st December 1954.

## HOUSING.

During 1955, a total of 281 houses were completed in the various districts of the Northern Area of Caernarvonshire. Of these 147 were built by Local Authorities. The numbers built by individual councils will be found in Table IV.

I am, Ladies and Gentlemen,

Yours faithfully,

T. H. PIERCE,

*Medical Officer of Health.*

## Dr. T. A. PHILLIPS'S Introduction

*To the Chairman and Members of the Caernarvonshire Joint Sanitary Authority,*

LADIES AND GENTLEMEN,

I took up my post as Medical Officer of Health to the Southern Division on July 1st, 1955. For the first part of the year covered by this report, the duties were performed by Dr. I. P. Nelis who retired on April 30th. For a period of two months Dr. T. H. Pierce was in charge of both the Northern and Southern Areas of the Combine.

During the latter half of the year, I have had some opportunity to acquaint myself with the problems of the six local authorities I have the pleasure to serve.

South Caernarvonshire as a whole is an area of low birth rate. In England and Wales as a whole, the birth rate is 15 per 1,000 population, but in Gwyrfaï and Lleyrn, for example, the corresponding figure is 12. This is only partly due to the area having more than its share of old people, because after correction for this factor, the birth rate is still less than 14.

If one considers death rates, similar comparisons may be made. The National Death Rate is about 12 per 1,000 population. All the crude death rates in this area are above this figure. If correction is made for the age distribution in the population, that of Lleyrn (10.8) is below the National figure, but that of Gwyrfaï (13.4) is still above it. In general the towns of the area, especially Caernarvon, tend to approximate to the National figures closely, both as to age structure of the population and as to the birth and deaths rates. The figures from the smallest units, however cannot be usefully considered on an annual basis as fluctuations in the rates are too great from year to year.

### CAERNARVON.

This ancient borough has the worst housing problem in the Southern Area. It has large numbers of old and unfit houses which are in need of clearance, and numerous cases of overcrowding also. In spite of the rising interest rates and other barriers erected by Government policy, the Corporation are pushing forward with slum clearance schemes which will be of great benefit to the town.

Caernarvon has, for its size, a large number of hotels catering for the tourist trade. There falls, therefore, upon the Public Health Inspector a heavier than usual task in ensuring the enforcement of the new food hygiene regulations in these establishments and elsewhere.

The old refuse tip was closed during the year and the situation of the new tip much further from the town is more suitable in every way. Sometimes in the future, the area of the old tip could be used for suitable development such as an extension of recreational facilities.

### CRICCIETH.

The main Public Health problem in Criccieth has been the maintenance of an adequate supply of water to the town. This has now been assured for some years to come in the virtue of the work carried out on the water main as described in the report of the Public Health Inspector and Surveyor.

Consideration has also been given to the chemical treatment of the water supply and investigations to determine the advisability or otherwise of doing this are still continuing. The high standard of bacteriological purity of the water in its natural state indicates that this is not a very urgent problem.

Criccieth is very fortunate in not having a slum clearance problem but there is, in my opinion, a certain need for additional council houses to cater for the needs of young couples living in rooms or in expensive furnished flats which they have to vacate during the holiday season. Unfortunately the cost of building houses while interest rates and the amount of subsidy remain as at present is prohibitive in a town of this size.

## PORTMADOC.

During 1955 the district of Portmadoc has made determined efforts to deal with its problem families. Several efforts to find alternative sub-standard accommodation for certain families of squatters came to nought but ultimately it was resolved to accommodate them in normal council houses. By the time this report appears this will have been done.

The problem of alternative accommodation also arises in respect of the clearance of a permanent Gipsy encampment. This is desirable on public health grounds. While shortage of housing makes it impossible to expect this site to be removed overnight, it is to be hoped that some progress will be made next year.

The problem of holiday caravans has been referred to by the Public Health Inspector and Surveyor and by use of the powers contained in the Public Health Act, 1936 some progress might also be made in dealing with these.

The water supply of the area is in the hands of a private company and it is good to be able to say that no adverse reports on any water samples were obtained during the year.

## PWLLELI.

Y broblem fwyaf anodd yn y fwrdeisdref ar yr ochr ieuchydol yw'r un sy'n codi oddiar y ffaith mai Pwllheli yw'r unig dref yn yr ardal sydd yn perchennogi tai dros dro (priffabs). Erbyn heddiw, y mae amser, a dŵr y môr wedi cydweithio er pydru sgerbydon yr adeiladau tala hyn fel y mae rhai ohonynt mewn perygl o syrthio. Ofnaf y bydd yn rhaid i'r Cyngor ystyried adeiladu tai er mwyn cyfarfod â'r angen hwn ar wahan i'r tai y bwriedir eu hadeiladu gogyfer a chlirio slymiau.

Mae'r lladd-dŷ yn brysus iawn ac y mae gofalu amdano yn rhan bwysig o waith yr arolygydd ieuchyd ym Mhwllheli. Hefyd gwneir gwaith da ganddo trwy ddod â'r Rheolau Bwyd newydd i sylw perchennogion siopau a gwestdai.

## GWYRFAL.

Y mae'r awdurdod hwn yn gwneud ymdrechion ardderchog i adeiladu tai lle bo angen. Gresyn bod y cyfyngu ar wario yn peryglu cynlluniau llesol fel rhain. Gan nad yw'r cymorthdal llawn i'w cael, dim ond er mwyn clirio'r slymiau, mai cynllunio ar gyfer pentrefi'r ardal yn anos nag y bu. A phaham tybed, y mae'r Weinyddiaeth o'r farn ei bod hi'n llai pwysig i wneud i ffwrdd a gorlenwi mewn tai na gwneud i ffwrdd a thal hysbysu? Mae'r ddau beth yn niweidiol i ieuchyd a thigelion, a'r cyntaf cynddrwg a'r ail.

Rhaid imi longyfarch y Cyngor hwn hefyd ar ei ymdrechion i wella safon carthffosiaeth yr ardal. Maent yn gwneud gwaith da trwy wella'r trefniadau mewn ambell ardal, a buasent yn gwneud mwy oribai am awdurdodau uwch.

Ers llawer blwyddyn, bellach, fe fu'r darfodedigaeth yn destun gofid yng Ngwyrfa. Da gennyf ddweud bod nifer y marwolaethau yn llai eleni nag y buont erioed o'r blaen. Mae'n sicr gan fod c. ffurieu effcithiol ar gael yn awr, y gwelir gwelliant yn hyn o beth bo'o blwyddyn. Serch hynny, na ddylid llasu dwylo tra bo nifer yr hysbysiaid newydd mor uchel. Yn y flwyddyn dan sylw hysbyswyd 2.2 o achosion newydd o'r TB. am bob mil o'r boblogaeth—ffigur dipyn yn uwch na'r un dros Gymru gyfan.

Yn fy marn i, y prif reswm dros hyn yw bod nifer o bobol yn y boblogaeth yn dioddef o'r salwch hwn, na wyd o'm ni ddim byd amdanynt. Pe buasem yn medru perswadio'r rhain i gymryd mantais o'r peiriant X-Ray symudol pan fyddai yn eu pentrefi fe fuasem ymhel ar y ffordd i gael gwared o'r pla gwyn o'n tir.

## LLEYN.

Os adeiladu tai cyngor yw rhagoriath Dosbarth Gwyrfa, yn sicr ddigon, Cynllun Dŵr Cwmstradilyn yw rhagoriaeth Dosbarth Lleyn. Nid ces yng Ngwynedd heddiw waith cyhoeddus o unrhyw fath, a daw a mwy o fendith i'r bobl na'r cynllun godidog hwn o ddisychedu cefn gwlad Llyn a dyfroed gloyw Eifionydd. Wrth reswm y mae'r gost yn uchel, ond y mae'n ddiogel gennyf y bydd y cenedlaethau ddaw ar ein hôl yn bendithio ffydd a maner y Gyngor a roddodd y Cynllun felgyraddadwy hwn ar droed.

Un o'r problemau y mae'n rhaid ymgodymu ag ef yn Lleyn yw'r nifer go sylweddol o dai anaddas sydd mewn bod yn y dosbarth. Y mae parodrwydd y Cyngor i roi grantiau ar gyfer gwella hen dai yn mynd peth o'r ffordd i gwrdd a'r angen. Ond hoffwn pe bai'r Cyngor yn dangos mwy o sêl tuag at adeiladu tai newydd ar waethaf yr anhawsterau sydd ar eu ffordd hwynt.

Yn ystod y flwyddyn bu'n rhaid imi fanteisio ar y ddarpariaeth yn y Ddeddf Cymorth Cyhoeddus i symud dwy hen wraig i'r Ysbytty, ac fe ddaeth i'm sylw ambell achos arall lle penderfynais beidio a gwneud hyn. Trueni o'r mwyaf ydyw na ellir rhoi mwy o help yn eu cartrefi i hen bobl fel hyn fel y gallent orffen eu dyddiau yn eu cynoŷfin.

Galwaf sylw at y rhan hynny o adroddiad yr arolygyddion lle sonnir am y gwaith y disgwylir iddynt wneud nad ydyw'n waith priodol i arolygydd ieuchyd. Ofnaf os parha y Cyngor i orlwytho y swyddogion hyn a dyledswyddau ychwanegol, fe fydd eu gwaith pwysicaf hwy yn siwr o ddioddef. A beth yw'r gwaith pwysig hwn? Archwilio, chwilota, arolygu, yn frâs, edrych i mewn i fusnes pobl eraill. Ond maent mewn perygl o fod fel Martha gynt, mor brysur fel bod y pethau pwysicaf yn cael eu hesgeuluso ganddynt.

I am, Ladies and Gentlemen

Yours faithfully,

T. ALUN PHILLIPS,

*Medical Officer of Health.*

## B.—Tables-in-Common



## B.—TABLES-IN-COMMON.

Furnishing much of the matter demanded by the Ministry of Health in a condensed tabular form).

**Table I.**  
**VITAL STATISTICS.**

(Note.—Rate per 1000 of the Population unless otherwise specified.)

BIRTHS: (Live) (a) Total Number .. .. .	
(b) Boys .. .. .	
(c) Girls .. .. .	
(d) Live Birth-rate (on Registrar-General's figures) .. .. .	
(e) Live Birth-rate for England and Wales (per 1000 of population)—	
DEATHS: (a) Total number from all causes.. .. .	
(b) Males .. .. .	
(c) Females .. .. .	
(d) General Death-rate (on Registrar-General's Figures) .. .. .	
(e) Death-rate for England and Wales—	
DEATHS OF INFANTS UNDER ONE YEAR: (a) Number .. .. .	
(b) Infant Mortality (rate per 1000 live Births) .. .. .	
(c) Infant Mortality for England and Wales —	
(d) Deaths of Legitimate Infants: Number .. .. .	
(e) Do. do. do. Mortality (per 1000 live births) .. .. .	
(f) Deaths of Illegitimate Infants: Number .. .. .	
(g) Do. do. do. Mortality (per 1000 live births) .. .. .	
DEATHS OF ELDERLY PERSONS (65 years and upwards): (a) Number	
(b) Senile Mortality .. .. .	
ILLEGITIMATE AND STILL-BIRTH BIRTH-RATES	
No. of Illegitimate Births (live) .. .. .	
Illegitimate Birth-rate (Percentage of Total live Births—see above) .. .. .	
No. of Still-births (a) Total .. .. .	
(b) Legitimate .. .. .	
(c) Illegitimate .. .. .	
Still-birth Birth-rate (per 1000 live Births) .. .. .	
Still-birth Birth-rate (per 1000 of population) .. .. .	
Still-birth Birth-rate for England and Wales (per 1000 of population)—	
MATERNAL (including Puerperal) MORTALITY (Deaths connected with Childbirth and	
Pregnancy): Total .. .. .	
(a) From Sepsis .. .. .	
(b) From Other Causes .. .. .	
(c) Maternal Mortality (per 1000 live Births) .. .. .	
(d) Ditto for England and Wales (per 1000 Births (incl. abortions) .. .. .	
ZYMOTIC MORTALITY (Deaths from the so-called Principal Zymotic Diseases. See table	
of Infectious Diseases): (a) Number of Deaths .. .. .	
(b) Zymotic Mortality .. .. .	
DEATHS FROM CANCER (and allied malignant diseases): (a) Number of Deaths .. .. .	
(b) Cancer Mortality .. .. .	
(c) Ditto for England and Wales .. .. .	
DEATHS FROM RESPIRATORY DISEASES (Non-Tubercular): (a) Number of Deaths .. .. .	
(b) Respiratory (non-Tubercular) Mortality .. .. .	
DEATHS FROM TUBERCULOSIS: (a) Number of Deaths .. .. .	
(b) Tubercular Mortality .. .. .	
(c) Ditto for England and Wales .. .. .	
DEATHS FROM INFLUENZA (a) Number of Deaths .. .. .	
(b) Influenza Mortality .. .. .	
(c) Mortality for England and Wales .. .. .	
PEATHS IN PUBLIC INSTITUTIONS: (a) Number .. .. .	
(b) Percentage of total deaths .. .. .	
(c) Ditto for England and Wales .. .. .	
OPHTHALMIA NEONATORUM: An Eye-Affection of the New-born:	
a) No. of Cases notified.. .. .	
b) Cases Treated at home—(1) Total Number .. .. .	
(2) No. where vision unimpaired .. .. .	
(3) No. where vision impaired .. .. .	
(4) No. where Total Blindness followed.. .. .	
(5) No. which proved fatal .. .. .	
c) Cases treated in Hospital—(1) Total Number .. .. .	
(2) No. where vision unimpaired .. .. .	
(3) No. where vision impaired .. .. .	
(4) No. where Total Blindness followed .. .. .	
(5) No. which proved fatal .. .. .	

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
	Bangor.	Bethesda.	Betws y Caed.	Conway.	Llandudna.	Llanfairfechan.	Penmaenmawr.	Nant Conway.	Ogwen.	Caernarvon.	Criccieth.	Pwllheli.	Portmadoc.	Gwyrfai.	Lleyn.
A	164	63	17	115	184	42	41	60	68	141	17	53	58	275	202
B	88	29	8	61	97	19	27	30	36	77	5	23	32	132	108
C	76	34	9	54	87	23	14	30	32	64	12	30	26	143	94
D	11.9	14.53	22.67	11.04	11.01	13.73	10.10	9.83	13.77	15.18	11.26	14.13	14.87	11.79	11.75
E	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.30
F	165	93	11	170	229	39	93	75	88	143	29	78	49	374	210
G	87	42	6	94	104	21	45	37	38	73	16	40	27	202	127
H	76	51	5	76	125	18	43	38	50	67	13	38	22	172	107
I	12.01	21.43	14.67	16.31	13.70	12.75	22.91	12.19	17.81	15.07	19.21	20.80	12.56	16.03	13.79
J	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
K	4	0	0	4	3	1	1	4	1	4	0	1	1	8	3
L	24.4	0	0	34.7	16.30	23.81	24.39	66.67	14.71	28.37	-	18.87	17.24	29.09	14.85
M	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
N	4	0	0	4	3	1	1	4	1	3	0	1	1	8	2
O	24.4	0	0	34.7	16.30	23.81	24.39	66.67	14.71	22.22	0	18.87	17.24	29.09	9.93
P	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Q	0	0	0	0	0	0	0	0	0	165.65	0	0	0	0	83.33
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T	6	1	3	3	10	3	3	2	0	6	0	0	1	7	12
U	3.659	1.588	17.65	2.608	5.436	7.144	7.316	3.333	0	4.26	0	0	1.72	2.55	5.94
V	5	2	0	1	3	-	2	2	2	2	0	0	2	6	4
W	5	2	0	1	2	-	2	2	1	2	0	0	2	6	4
X	0	0	0	0	1	-	-	0	1	0	0	0	0	0	0
Y	30.49	31.75	0	8.696	16.30	0	48.77	33.33	29.41	14.18	0	0	34.48	21.81	19.80
Z	0.36	0.46	0	0.09	0.17	0	0.49	0.32	0.43	0.22	0	0	0.51	0.26	0.23
A	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
B	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
G	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
H	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	0.058
I	29	20	4	21	58	9	15	11	23	32	4	5	5	71	37
J	2.111	4.60	5.333	2.015	3.469	2.941	3.695	1.803	4.666	3.445	2.649	1.333	1.282	3.043	2.152
K	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056	2.056
L	13	9	1	12	8	5	11	13	4	5	-	5	4	38	14
M	0.946	2.073	1.333	1.152	0.478	1.634	2.710	2.111	0.809	0.533	-	1.333	1.03	1.62	0.81
N	3	6	-	3	2	-	3	3	-	1	-	-	2	12	3
O	0.18	1.382	0	0.287	0.119	0	0.738	0.491	0	0.103	-	-	0.51	0.514	0.175
P	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146
Q	1	-	-	1	1	-	2	1	1	1	1	1	1	2	2
R	0.072	0	0	0.05	0.19	0	0.492	0.164	0.202	0.108	-	-	-	0.086	0.116
S	0.06	0.067	0.067	0.067	0.07	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067
T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



TABLE 11.

## GENERAL STATISTICS

AREA (in Statute acres—land and inland water) .. .. .	A
TOTAL POPULATION :—	
Mid-Year 1955 (Registrar-General's Estimate) .. .. .	B
Census 1921 (as revised by Registrar-General) .. .. .	C
Census 1931 .. .. .	D
Census 1951 .. .. .	E
Males .. .. .	F
Females .. .. .	G
No. of Persons per Acre .. .. .	H
* PRIVATE HOUSEHOLDS AND DWELLINGS (Census 1951)	
No. of (Private) Households .. .. .	I
No. of Dwellings occupied (structurally separate Dwellings) .. .. .	J
Population of the said Private Households .. .. .	K
No. of Persons per Household .. .. .	L
No. of Households per Dwelling .. .. .	M
Total number of Rooms occupied .. .. .	N
No. of Rooms per Dwelling .. .. .	O
No. of Rooms per Person (whole of Caernarvonshire 1.51) .. .. .	P
No. of Persons living more than two persons to a room .. .. .	Q
Giving a percentage of the said private family population of .. .. .	R
(Compared with whole of Caernarvonshire—1.3)	

RATEABLE VALUE .. .. .	S
Product of a Penny Rate. .. .. .	T
No. of Members on the Council .. .. .	U

## CAUSES OF DEATH.

Total Number of Deaths (Including Service Personnel) .. .. .	V
(a) Males .. .. .	W
(b) Females .. .. .	X
(1) Tuberculosis—Respiratory .. .. .	Y
(2) Tuberculosis—Other .. .. .	Z
(3) Syphilitic Disease .. .. .	A
a(4) Diphtheria .. .. .	B
a(5) Whooping Cough .. .. .	C
a(6) Meningococcal Infections .. .. .	D
a(7) Acute Poliomyelitis .. .. .	E
a(8) Measles .. .. .	F
(9) Other Infective and Parasitic Diseases .. .. .	G
(10) Cancer—Stomach .. .. .	H
(11) Cancer—Lungs, Bronchus .. .. .	I
(12) Cancer—Breast .. .. .	J
(13) Cancer—Uterus .. .. .	K
(14) Other Malignant and Lymphatic Cancer .. .. .	L
(15) Leukæmia, Aleukæmia .. .. .	M
(16) Diabetes .. .. .	N
(17) Cerebral Hæmorrhage, etc. .. .. .	O
(18) Coronary Disease, Angina .. .. .	P
(19) Blood Pressure with Heart Disease .. .. .	Q
(20) Other Heart Disease .. .. .	R
(21) Other Circulatory Disease .. .. .	S
(22) Influenza .. .. .	T
(23) Pneumonia .. .. .	U
(24) Bronchitis .. .. .	V
(25) Other Diseases of Respiratory System .. .. .	W
(26) Ulcer of Stomach and Duodenum .. .. .	X
(27) Gastritis, Enteritis and Diarrhoea .. .. .	Y
(28) Nephritis and Nephrosis .. .. .	Z
(29) Enlarged Prostate .. .. .	A
(30) Pregnancy, Childbirth, Abortion .. .. .	B
(31) Congenital Debility, Premature Birth, Malformations, &c. .. .. .	C
(32) Other Defined and Ill-defined Diseases .. .. .	D
(33) Motor Vehicle Accidents .. .. .	E
(34) All other Accidents .. .. .	F
(35) Suicide .. .. .	G
(36) Homicide and Operations of War .. .. .	H
a So called "Zymotic Diseases."	

NOTE.—In England and Wales the Death Rate (number of fatal cases per 1000 of population) of certain Fevers was as follows :—

Whooping Cough (0.00)	Diphtheria (0.00)	Influenza (0.07)	Pneumonia (0.49)
Measles (0.07)	Poliomyelitis (0.01)		

\* DEFINITIONS. (a) PRIVATE HOUSEHOLDS. Comprising single person, living alone or groups of individual voluntarily living together under a single manage in the sense of sharing the same living room or eating at the same table.

(b) DWELLING means a structurally separate dwelling and generally comprises any room or suite of rooms intended or used for habitation, having separate access to the street or to a common landing or staircase to which the public has access.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	1576	893	4472	3808	4920	4472	3814	88222	32526	2213	1731	1211	3543	96475	114232
B	13740	4340	750	10420	16720	3060	4060	6100	4540	5290	1510	3750	3500	25330	17190
C	11262	4132	1029	7967	21048	3639	4483	6771	5479	8037	1984	3813	4167	25247	18859
D	11163	4480	912	826	15703	3162	4021	6647	5358	8465	1532	3601	357	24859	18122
E	12822	4435	778	10239	16715	3183	4219	6204	5019	9776	1652	3875	4061	24013	17654
F	5823	2146	344	4680	7005	1442	1876	3003	2395	4253	690	1792	1828	11387	8579
G	6999	2289	434	5559	9710	1741	2343	3201	2624	5018	962	2583	2233	12626	9078
H	8.71	4.86	0.16	2.73	3.39	0.68	1.06	0.06	0.15	4.20	1.14	3.10	1.10	0.24	0.18
I	3778	1421	214	3057	4501	927	1366	1897	1598	2696	515	1199	1255	7639	5352
J	3444	1420	199	2999	4211	875	1307	1815	1579	2667	492	1122	1237	7586	5303
K	10271	4427	635	5475	13471	2773	4007	5691	4930	882	1487	3643	3925	23655	17055
L	3.20	3.12	2.97	3.09	2.99	2.99	2.93	3.11	3.09	3.29	2.88	3.03	3.20	3.09	3.005
M	1.04	1.01	1.07	1.02	1.07	1.06	1.04	1.00	1.01	1.01	1.00	1.06	1.01	1.07	1.009
N	18545	6581	1066	15888	22356	4519	6735	9180	8036	13882	3190	6050	6575	7554	2855
O	5.09	4.92	5.36	5.16	5.31	5.16	5.15	4.98	5.09	5.20	6.48	5.39	5.31	4.95	5.00
P	1.33	1.60	1.42	1.48	1.34	1.47	1.64	1.51	1.63	1.48	1.87	1.53	1.61	1.60	1.59
Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R	0.7	0.8	2.8	1.3	1.9	0.8	0.7	2.2	0.8	1.1	-	0.8	-	1.4	1.6
S	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£
T	14882	12652	5168	7490	201356	15516	26918	22729	16557	55711	12720	23465	20696	5886	9240
U	322	47	20	294	-	59	105	81	60	214	47	87	82	222	227
V	28	13	11	20	30	15	14	18	13	24	15	16	16	43	43
W	169	93	11	170	229	39	93	75	88	140	29	78	49	374	237
X	89	42	6	94	104	21	45	37	38	73	16	40	16	22	117
Y	76	51	5	76	125	18	48	38	50	67	13	38	13	172	120
Z	3	6	-	3	2	-	3	3	-	1	-	-	2	12	3
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	8	4	1	4	10	2	7	5	7	6	1	1	-	18	8
I	4	2	1	4	6	3	2	1	2	3	-	-	1	6	1
J	-	2	-	3	6	-	1	3	4	5	2	-	-	7	7
K	1	1	-	2	2	-	-	-	1	-	-	-	-	3	1
L	16	10	2	7	33	3	5	2	9	18	1	4	4	37	20
M	-	1	-	1	1	1	-	2	-	-	-	-	1	2	-
N	-	-	-	-	3	1	-	-	-	-	-	-	-	10	2
O	29	10	1	33	47	9	18	7	12	28	5	18	11	63	51
P	24	13	2	18	38	4	10	13	7	10	8	9	9	25	17
Q	8	7	-	4	4	-	6	3	-	7	-	3	2	17	17
R	9	18	2	30	29	4	13	5	17	17	2	17	9	65	32
S	24	4	-	16	7	4	5	3	7	13	5	7	1	19	26
T	1	-	-	1	1	-	2	1	1	1	-	-	-	2	2
U	1	-	-	13	1	2	2	5	-	4	-	-	2	10	5
V	12	9	1	3	5	1	7	6	4	6	-	5	2	28	9
W	-	-	-	-	2	2	1	2	-	1	-	-	-	2	1
X	2	-	-	-	2	1	1	2	-	1	-	1	1	4	2
Y	1	-	-	1	2	-	-	1	1	1	-	-	-	1	-
Z	-	-	-	3	1	-	1	-	1	2	-	4	-	4	4
A	2	-	-	1	2	-	1	-	-	-	1	-	2	6	5
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	4	-	-	-	3	-	1	2	1	1	-	-	-	4	1
D	9	3	1	17	13	-	3	7	10	8	4	5	2	23	23
E	-	-	-	-	2	1	2	-	1	3	-	-	-	-	-
F	4	-	-	3	4	1	-	2	2	3	-	2	-	5	6
G	2	1	-	2	2	-	1	-	-	-	-	1	-	3	1
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Small-pox—(0.00), Scarlet Fever—(0.73), Diphtheria—and M. Croup—(0.00); Enteric Fever (including Paratyphoid)—(0.02) Erysipelas—(0.10) and Pneumonia—(0.62)

NOTIFICATIONS OF TUBERCULOSIS and OTHER INFECTIOUS DISEASES.

TUBERCULOSIS See below

OTHER INFECTIOUS AND ZYMOTIC DISEASES						Total
*1.	Small Pox					
*2.	Scarlet Fever or Scarlatina					
*3.	Diphtheria and Membranous Croup					
*4.	Diphtheritic Sore Throat and (undefined) Croup (not statutorily notifiable unless locally)					
*5.	Typhus Fever					
*6.	Enteric Fever and Typhoid Fever					
*7.	Paratyphoid Fever					
*8.	Continued Fever an " Pyrexia "					
*9.	Whooping Cough					
*10.	Diarrhoea, Enteritis and Gastro-Enteritis under two years (not statutorily notifiable).—See below for Dysentery					
*11.	Cholera (non-Asiatic unless otherwise stated)					
*12.	Measles					
*13.	German Measles					
14.	Dysentery					
15.	Relapsing Fever					
16.	Malaria—(believed to be contracted in this country)					
17.	Malaria—(believed to be contracted abroad, or not stated)					
18.	Induced Malaria (notifiable only if liable to relapse)					
19.	Plague					
20.	Yellow Fever					
21.	Cerebro-spinal Meningitis (Spotted Fever)					
22.	Acute Polio-Myelitis (early Infantile Paralysis)					
23.	Acute Polio-encephalitis					
24.	Acute Encephalitis Lethargica (False Botulism)					
25.	Botulism (True) as caused by the Bacillus Botulinus					
26.	Chicken Pox (not statutorily notifiable, unless locally)					
27.	Acute Primary and Acute Influenzal Pneumonia					
28.	Ophthalmia Neonatorum					
29.	Food Poisoning					
30.	Puerperal Pyrexia					
31.	Influenza (not statutorily notifiable, unless locally)					
32.	Erysipelas					

## NEW CASES

NEW CASES		FATAL CASES		CASES ADMITTED	
(a) Primary Notifications, including cases notified by Tuberculosis Physician	..	..	..	..	..
(b) Other New cases	..	..	..	..	..
(c) Pulmonary (including all Respiratory)	..	..	..	..	..
(1) Males	..	..	..	..	..
(2) Females	..	..	..	..	..
(d) Non-Pulmonary	..	..	..	..	..
(1) Males	..	..	..	..	..
(2) Females	..	..	..	..	..
<b>FATAL CASES:</b> (a) Total	..	..	..	..	..
(b) Pulmonary (including all Respiratory)	..	..	..	..	..
(1) Males	..	..	..	..	..
(2) Females	..	..	..	..	..
(c) Non-Pulmonary	..	..	..	..	..
(1) Males	..	..	..	..	..
(2) Females	..	..	..	..	..
(d) Non-notified Tuberculosis Deaths : (1) Number	..	..	..	..	..
(2) Percentage of Total Tuberculosis Deaths	..	..	..	..	..
<b>CASES ADMITTED to Hospital or Sanatorium:</b> (a) Total	..	..	..	..	..
(b) Pulmonary (including all Respiratory)	..	..	..	..	..
(c) Non-Pulmonary	..	..	..	..	..
(d) For Observations	..	..	..	..	..

\*The so-called "Principal Zymotic Diseases."





Table IV.

## HOUSING STATISTICS

NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY.	Grand Total	A
NEW HOUSES ERECTED (and completed) DURING THE YEAR.	Total	B
(i.) By the Local Authority. Total	.. ..	C
(ii.) By other Local Authorities. Total	.. ..	D
(iii.) By other bodies and persons. Total	.. ..	E
INSPECTION OF DWELLING-HOUSES DURING THE YEAR		
I.—INSPECTION.—(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	.. ..	F
(b) Number of inspections made for the purpose	.. ..	G
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	.. ..	H
(b) Number of inspections made for the purpose	.. ..	I
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	.. ..	J
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	.. ..	K
II.—FIRMED UP OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.		
Number of defective dwelling-houses rendered fit in consequence of Informal action by the Local Authority or their officers	.. ..	L
III.—ACTION UNDER STATUTORY POWERS DURING THE YEAR.		
A.—Proceedings under sections 9, 10 and 16 of the Housing Act, 1936.		
(1) Number of dwelling-houses in respect of which Formal notices were served requiring repairs	.. ..	M
(2) Number of dwelling-houses which after Formal Notices were rendered fit:—	.. ..	N
(a) By Owners	.. ..	O
(b) By local authority in default of owners	.. ..	P
B.—Proceedings under Public Health Acts:—		
(1) Number of dwelling-houses in respect of which Formal Notices were served requiring defects to be remedied	.. ..	Q
(2) Number of dwelling-houses in which defects, after Formal notices, were remedied:—	.. ..	R
(a) By owners	.. ..	S
(b) By local authority in default of owners	.. ..	T
C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936:—		
(1) No. of Dwelling-houses in respect of which an undertaking to close the house for human habitation was accepted	.. ..	U
(2) Number of dwelling-houses in respect of which Demolition Orders were made	.. ..	V
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders	.. ..	W
D.—Proceedings under Section 12 of the Housing Act 1936:—		
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	.. ..	X
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	.. ..	Y
RE-CONDITIONED HOUSES (under Housing of Rural Workers Act, 1926)		
No. Re-conditioned (and work completed) during the year	.. ..	Z
HOUSING ACT, 1935—OVERCROWDING. Result of First Survey:		
(a) Total number of houses in the district	.. ..	A
(b) Number of houses Surveyed (Workmen's houses)	.. ..	B
(c) Number of these overcrowded	.. ..	C
(d) Number of Families dwelling in the Overcrowded Houses	.. ..	D
(e) Number of Persons dwelling in the Overcrowded Houses	.. ..	E
HOUSING ACT, 1936 (Part IV—OVERCROWDING)		
(a) (1) No. of dwellings overcrowded at the end of the year	.. ..	F
(ii.) No. of families dwelling therein	.. ..	G
(iii.) No. of Persons dwelling therein	.. ..	H
(b) No. of new cases of overcrowding reported during the year	.. ..	I
(c) (i.) No. of cases of overcrowded dwellings relieved during the year	.. ..	J
(ii.) No. of families concerned in such cases	.. ..	K
(iii.) No. of Persons concerned in such cases	.. ..	L
(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the Abatement of overcrowding.		
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	1452	271	27	939	755	172	246	172	280	892	78	262	140	1208	530
B	68	30	6	54	85	23	2	3	16	54	-	-	-	54	100
C	59	30	-	-	30	22	-	-	6	52	-	-	-	46	20
D	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-
E	9	-	-	54	55	1	2	3	10	2	2	-	-	8	80
F	474	150	6	1397	2403	25	46	231	71	150	14	52	84	630	950
G	61	160	8	1435	186	25	49	236	93	312	27	58	98	1220	1013
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	84	9	-	-	28	-	11	185	1	-	-	2	-	45	23
K	41	4	5	-	67	5	13	200	17	16	1	26	15	58	87
L	55	35	5	14	39	-	4	12	13	30	13	26	16	235	102
M	11	-	-	-	4	-	-	-	-	40	-	-	-	42	12
N	11	-	-	-	4	4	-	-	-	36	-	-	-	42	12
O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P	2	-	-	2	6	-	1	-	-	-	1	4	-	40	15
Q	2	-	-	2	6	-	1	-	-	-	-	4	-	40	15
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
S	5	-	-	-	4	-	-	-	-	10	-	1	-	45	2
T	18	-	-	-	-	-	-	-	-	-	-	-	-	8	5
U	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3
V	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	3276	1545	231	-	-	1025	1164	2175	1612	2390	509	1154	1138	6572	-
Z	2310	1265	-	-	-	25	980	-	1117	1641	-	1146	120	6147	-
A	117	42	-	-	-	-	33	-	58	100	-	328	8	515	-
B	140	42	-	-	-	-	33	-	67	950	-	70	10	438	-
C	596	256	-	-	-	-	167	-	366	-	-	70	52	-	-
D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
H	*	*	*	*	*	*	*	*	*	*	*	4	*	*	23
I	*	*	*	*	*	*	*	*	*	*	*	4	*	*	23
J	*	*	*	*	*	*	*	*	*	*	*	14	*	*	72

\* No figures available





	1. Bangor.	2. Bethesda.	3. Betws y Caed.	4. Conway.	5. Llanludna.	6. Llanfairfechan.	7. Penmaenmawr.	8. Nant Conway.	9. Ogwen.	10. Caernarvon.	11. Griccieth.	12. Pwllheli.	13. Portmadoc.	14. Gwyrfai.	15. Llyn.
A	74	-	-	369	197	-	-	-	2	25	-	-	-	-	28
B	5	-	-	22	24	-	-	-	2	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
D	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	1	1	2	3	1	3	3	2	-	1	-	1	1	1	3
H	1	1	2	1	1	3	3	3	-	1	-	1	1	2	3
I	24	-	-	1	63	-	4	-	-	140	-	47	23	12376*	6
J	149	*78	-	60	768	-	13	6	-	1256	-	371	181	2283*	8
K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M	3507*	*391	31	360	3450*	352*	230*	21	-	215	1024*	2539*	*1230	2859*	3200
N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P	12	9	2	-	11	2	6	1	-	10	5	8	5	20	13
Q	8	9	2	12	11	2	6	1	-	3	5	8	3	20	13

\* lbs.

*Conversion to a better type.*

From Midden-privy to Bucket-privy .. .. .	A
From Midden-privy to approved Water-closet .. .. .	B
From Bucket-privy to approved Water-closet .. .. .	C
From Hand-flushed Closet to approved Water Closet .. .. .	D
From old unapproved type to approved Water Closet .. .. .	E
No. of Closets repaired .. .. .	F

No. of old houses supplied with an Ashbin for the first time ..	..	..	..	..	..	G
No. of defective or Ashbins replaced ..	..	..	..	..	..	H

Old Houses properly drained for first time	..	..	..	..	..	..	..	I
Defects in House Drains remedied	..	..	..	..	..	..	..	I

## WATER AND WATER SAMPLES.

No. of Water samples taken	.. .. .	K
No. found polluted	.. .. .	L
No. of Wells remedied	.. .. .	M
No. of Wells closed	.. .. .	N
No. of Notices sent for defective water fittings	.. .. .	O
No. of old houses newly connected with the Mains	.. .. .	P

No. of Houses	(a) Disinfected (add any cases of Disinfestation)	..	..	..	..	Q
	(b) Supplied with disinfectants	..	..	..	..	R
No. of cases taken to Fever Hospital (including Observation cases)		..	..	..	..	\$

No. of animals improperly kept and removed	..	..	..	..	..	..	T
No. of unhealthy deposits caused to be removed	..	..	..	..	..	..	U
No. of complaints received and investigated	..	..	..	..	..	..	U

Total number of inspections during the year ..	..	..	..	..	..	..	W
No. of notices issued (a) Informal ..	..	..	..	..	..	..	X
(b) Statutory ..	..	..	..	..	..	..	Y
(c) Total ..	..	..	..	..	..	..	Z
No. of Prosecutions for all cases ..	..	..	..	..	..	..	

1. Medical Officer of Health-(a) Whether Whole-time .. .. .	B
(b) Whether there is an Assistant M.O.H. .. .. .	C
2. Sanitary Inspectors (whether one or more) .. .. .	D
(a) Whether Whole-time (wholly in the service of the Council) .. .. .	F
(b) Whether act as Sanitary Surveyors as well .. .. .	P
(c) Whether act as Highway Surveyors as well .. .. .	G
(d) Whether specialised in Meat or other subject .. .. .	H

	1. Bangor.	2. Bethesda.	3. Betws y Coed.	4. Conway.	5. Llandudno.	6. Llanfair-yr-han.	7. Penmaenmawr.	8. Nant Conway.	9. Ogwen.	10. Caernarvan.	11. Criccieth.	12. Pwllheli.	13. Portmadoc.	14. Gwyrfa.	15. Llyn.
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
C	-	6	-	-	-	-	-	-	11	-	-	1	-	71	133
D	-	-	-	-	-	-	-	-	-	10	-	1	-	-	-
E	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-
F	29	8	-	-	-	6	8	-	-	30	2	72	-	31	32
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
H	-	-	-	-	-	2	12	-	-	-	13	36	-	41	92
I	-	-	-	-	-	-	-	-	13	-	-	1	3	32	98
J	78	26	-	4	237	2	7	14	2	13	6	23	6	41	26
K	34	5	2	9	143	4	2	13	10	57	1	5	6	36	54
L	-	1	-	-	2	2	-	6	2	-	-	-	-	5	7
M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
N	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
O	-	40	-	-	-	4	13	6	2	-	10	72	-	-	48
P	-	-	-	-	-	-	1	21	28	-	-	2	-	-	96
Q	56	10	1	35	22	-	2	2	12	20	9	6	23	42	21
R	124	100	6	-	16	-	2	25	3	30	-	2	23	110	29
S	12	1	-	14	-	-	-	-	-	-	4	-	-	-	-
T	4	1	-	-	2	-	-	-	-	-	-	-	-	-	3
U	12	5	-	-	9	-	-	3	1	3	2	1	-	-	13
V	228	93	7	48	690	3	26	17	3	101	28	25	6	410	552
W	2947	523	14	4595	4868	160	218	176	-	950	1722	845	243	2402	1300
X	89	53	-	3	43	6	27	18	15	93	36	65	20	214	190
Y	1	-	-	2	6	-	2	-	-	1	1	4	3	127	15
Z	99	50	-	10	49	6	29	18	15	94	37	73	23	341	205
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
	Na.	Na.	No.	No.	No.	Na.	No.	Na.	Na.	No.	Na.	Na.	Na.	Na.	Na.
D	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
E	Yes	Yes	Na.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
F	No.	"	Yes	Na.	No.	"	"	Yes	"	Na.	"	"	"	"	"
G	"	"	"	Na.	"	"	"	Na.	Na.	Na.	"	"	"	Na.	No.
H	Yes	"	Na.	Yes	Yes	"	"	"	Yes	Yes	"	"	"	Yes	Na.

a Whole-time; District M.O.H. but Part-time for individual constituent authorities

TABLE VII.  
**FACTORIES, WORKSHOPS AND WORKPLACES.**

REMARKS : (1) Nuisances under the Public Health Acts. These include not only nuisances under the Public Health Acts, but those specified in Sections 1, 2, 3, 4, and 6, of the Factories Act, 1937, as remediable under the Public Health Acts.

(2.) Offences under the Factories Act, 1937. These offences include those relating to outwork and offences under the sections mentioned in Transfer of Enforcement Order 1938. (S and R.O. No. 488).

**A.—INSPECTIONS** for the purpose of provisions as to health, including inspections made by the Sanitary Inspector.

(Part I of the Factories Act, 1937).

**PREMISES :**

(i.)	Factories in which sections 1, 2, 3, 4, and 6 are enforced by Local Authority .. .. .	Number on register .. .. .	A
		No. of Inspections .. .. .	B
		No. of Written Notices .. .. .	C
		Number of Prosecutions .. .. .	D
(ii.)	Factories not included in (i) in which Sect. 7 is enforced by the Local Authorities .. .. .	Number on register .. .. .	E
		No. of Inspections .. .. .	F
		Number of Written Notices .. .. .	G
		No. of Prosecutions .. .. .	H
(iii.)	Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises). .. .. .	Number on register .. .. .	I
		No. of Inspections .. .. .	J
		Written Notices .. .. .	K
		No. of Prosecutions .. .. .	L

**B.—DEFECTS FOUND IN THE SAID PREMISES :**

(i.)	Want of cleanliness (S.1.) .. .. .	Cases found .. .. .	M
		Cases remedied .. .. .	N
		Cases referred to or by H. M. Inspector .. .. .	O
		Number of Prosecutions .. .. .	P
(ii.)	Overcrowding (S.2.) .. .. .	Cases found .. .. .	Q
		Cases remedied .. .. .	R
		Cases referred to or by H.M. Inspector .. .. .	S
		Number of Prosecutions .. .. .	T
(iii.)	Unreasonable temperature (S.3.) .. .. .	Cases found .. .. .	U
		Cases remedied .. .. .	V
		Cases referred to or by H.M. Inspector .. .. .	W
		Number of Prosecutions .. .. .	X
(iv.)	Inadequate ventilation (S.4.) .. .. .	Cases found .. .. .	Y
		Cases remedied .. .. .	Z
		Cases referred to or by H. M. Inspector .. .. .	A
		Number of Prosecutions .. .. .	B
(v.)	Ineffective drainage of floors (S.6.) .. .. .	Cases found .. .. .	C
		Cases remedied .. .. .	D
		Cases referred to or by H. M. Inspector .. .. .	E
		Number of Prosecutions .. .. .	F
(vi.)	Sanitary Conveniences (S.7.) .. .. .	Cases found .. .. .	G
(a)	insufficient .. .. .	Cases remedied .. .. .	H
		Cases referred to or by H. M. Inspector .. .. .	I
		Number of Prosecutions .. .. .	J
(b)	Unsuitable or defective .. .. .	Cases found .. .. .	K
		Cases remedied .. .. .	L
		Cases referred to or by H. M. Inspector .. .. .	M
		Number of Prosecutions .. .. .	N
(c)	Not separate for sexes .. .. .	Cases found .. .. .	O
		Cases remedied .. .. .	P
		Cases referred to or by H. M. Inspector .. .. .	Q
		Number of Prosecutions .. .. .	R

**C. OTHER OFFENCES.** (Including those relating to outwork, Part 8 of the Factories Act, 1937).

Cases found .. .. .	S
Cases remedied .. .. .	T
Cases referred to or by H. M. Inspector .. .. .	U
Number of Prosecutions .. .. .	V



C.—Additional Short Local Reports.

## BANGOR CITY

Besides those pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies..	-	8	-	-	-	-	-	-	-	-
Retailing Milk Carts ..	28	31	69	1	1	1	-	-	-	-
Milk Shops (Dairy Shops)	-	1	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	1	-	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. ..	21	22	51	2	2	2	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	10	10	-	1	1	1	-	-	-	-
Workshop Bakehouses ..	2	2	-	-	-	-	-	-	-	-
Bread Shops .. ..	22	22	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	13	14	-	2	2	2	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	67	68	55	1	1	1	-	-	-	-
Workshops(includingWorkshop Bakehouses and Laundries.. ..	14	14	8	-	-	-	-	-	-	-
Workplaces .. ..	17	17	11	1	1	1	-	-	-	-
Home-Workers' Premises ..	-	0	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	1	5	3
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	18	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only .. ..	-	-	-
Licensed .. ..	1	1	1
Total on Register .. ..	1	1	1



## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 13,740 compared with 13,850 in 1954.

The Birth Rate is 11.93 per 1,000 of the population in 1955 compared with 13.21 in 1954 and 13.69 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 24.4 per 1,000 live births compared with 32.78 in 1954 and 26.74 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 12.01 per 1,000 of the population compared with 11.48 in 1954 and 11.27 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is 0.218 per 1,000 of the population compared with 0.51 in 1954 and 0.29 per 1,000 of the population in 1953.

The Death Rate from Cancer is 2.111 per 1,000 of the population compared with 2.23 in 1954 and 1.75 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955, 397 cases of infectious diseases were notified viz., 2 Scarlet Fever ; 31 Whooping Cough ; 349 Measles ; 6 Meningitis ; 7 Poliomyelitis ; 2 Encephalitis.

## NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES.					
	Scarlet Fever		Measles		Whooping Cough	
	M.	F.	M.	F.	M.	F.
Under 1 year .. .. .	—	—	7	3	2	—
1— 2 years .. .. .	—	—	22	30	5	7
3— 4 years .. .. .	—	1	54	62	2	4
5— 9 years .. .. .	—	1	85	82	6	5
10—14 years .. .. .	—	—	1	2	—	—
15—24 years .. .. .	—	—	1	—	—	—
25 and over .. .. .	—	—	—	—	—	—
Age Unknown .. .. .	—	—	—	—	—	—
TOTALS :	—	2	170	179	15	16

## SANITARY INSPECTOR'S REPORT FOR THE YEAR 1955.

(G. W. OUTRAM, C.R.S.I., M.S.I.A.)

## PUBLIC ABATTOIR.

The number of visits required annually for meat inspection and general administration duties at the Abattoir have considerably increased since private slaughtering was resumed in 1954.

The slaughtering of animals which the meat trader purchases in the different livestock sales depends largely on the time of sales and availability of transport. It is invariably late after noon before animals arrive each day, and to meet the requirements of the butcher, night work is now accepted as normal routine. In consequence your Sanitary Inspector has to attend at night to carry out post-mortem examination of carcasses and offal, ready for early morning distribution.

The Veterinary Inspector of the Ministry of Agriculture Fisheries and Food arranged for the slaughter of 26 reactors to the Tuberculin Test at the Abattoir, and these all had to receive detailed post-mortem examination as to fitness or otherwise for human consumption.

*Carcasses and Offal inspected and condemned in whole or in part.*

	<i>Cattle including Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep &amp; Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number killed (if known) ..	551	Not known	386	5509	2180	—
Number inspected .. ..	551	—	386	5509	2180	—
<i>All diseases except Tuberculosis &amp; Cysticerci :</i>						
Whole carcasses condemned ..	2	—	6	17	2	—
Carcasses of which some part or organ was condemned ..	113	—	—	258	14	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	20.8	—	1.5	4.9	1.2	—
<i>Tuberculosis only :</i>						
Whole carcasses condemned ..	2	—	—	—	3	—
Carcasses of which some part or organ was condemned ..	21	—	—	—	39	—
Percentage of the number inspected affected with tuberculosis	4.1	—	—	—	1.9	—
<i>Cysticercosis :</i>						
Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration .. ..	—	—	—	—	—	—
Generalised and totally condemned .. .. .	—	—	—	—	—	—

WEIGHT OF MEAT CONDEMNED — 1 TON 18CWTs 3QTRS. 4 lbs.

**OTHER FOODSTUFFS.**

The following tinned and other food have been voluntarily surrendered by shopkeepers and others during the year :—

3 Tins Fresh Cream	111 Tins Evaporated Milk
82 „ Corned Beef	7 „ Jellied Veal
16 „ Minced Meat Loaf	41 „ Ham
71 „ Luncheon Meat	22 „ Ox Tongue
17 „ Stewed Steak	499 „ Fruit
81 „ Peas or Beans	7 „ Vegetables
133 „ Tomatoes	280 „ Tomato Soup
3 „ Meat Soup	72 „ Mushroom Soup
6 „ Spaghetti	2 „ Heinz Baby Soup
78 „ Fish	40 Stone Wet Fish
12 Chickens	6 Fowls
8 Ducklings	28 lbs. Sausages
48 lbs. Bacon	2 lbs. Marmalade
14 lbs. Cake	24 lbs. Cheese
56 lbs. Frozen Egg	256 Packets Yeast
72 Jars Salad Cream	1 cwt New Potatoes
TOTAL WEIGHT :—1 TON 11 CWTs. 2 QTRS. 9 lbs. 8 ozs.	

#### CHINESE EGG POWDER.

On the instructions of the Ministry of Health samples of Imported Chinese Egg Powder were collected from a bulk consignment in the local depot of a firm of wholesale distributors of food. Samples submitted for bacteriological examination had been found to contain food poisoning germs.

The results of the sampling all proved negative, and the egg powder was released for distribution. It is used mainly for cake confectionery.

#### FOREIGN MATTER IN FOOD.

Following a complaint by a citizen of pieces of rubber embedded in a loaf of bread, portions of this loaf were dispatched to a neighbouring health authority with a request that an inspection be made at the Factory Bakehouse from which the loaf had come.

A report was later received that a piece of a rubber tape on a sifting machine had broken off through wear, and become embodied as part of this particular loaf. Appropriate steps had been taken to ensure that the management employ stricter vigilance in the routine check and maintenance of the machinery. The firm also made restitution to the customer.

#### INFECTIOUS DISEASES.

The following table gives details of infectious diseases notified :—

<i>Diseases</i>	<i>Cases notified in</i>	
	1955	1954
Whooping Cough ..	28 (3)	17 (1)
Chicken-Pox ..	—	1
Poliomyelitis ..	— (7)	7 (7)
Measles ..	345 (4)	3 (2)
Salmonella Typhi Murium ..	—	4 (3)
Scarlet Fever ..	— (2)	6 (3)
Meningococcal Infection ..	— (6)	4 (3)
Undulant Fever (Brucella Abortus)	—	1 (1)
Sonne Dysentery ..	—	2 (2)
Influenzal Penumonia ..	—	1
Influenzal Meningitis ..	—	1 (1)
Acute Encephalitis (I) ..	— (2)	—

The figures in brackets are hospital cases from outside the district.

## DISINFECTION.

As a result of Infectious Disease the infected rooms, hospital wards, etc., are disinfected with formaldehyde gas. Similar treatment is given in the homes of tuberculous persons removed to a sanatorium, or following deaths from infectious disease. Fifty-nine disinfections were carried out.

## VITAL STATISTICS.

			<i>No. of Births</i>		<i>Birth Rate</i>		<i>No. of Deaths</i>		<i>Death Rate</i>
1955	..	..	164	..	11.93	..	165	..	12.01
1954	..	..	183	..	13.21	..	159	..	11.48

(Birth Rates and Death Rates are calculated as so many births or deaths per 1,000 inhabitants living at all ages).

The total number of births registered to include the Maternity Hospital is 1,477.

## FOOD HYGIENE.

Important changes in our food and drugs legislation come into effect in 1956. The Food and Drugs Act 1956 now becomes the principal Act for controlling the composition, labelling, fitness and hygienic handling of food, and the new Food Hygiene Regulations the principal instrument for enforcing food hygiene practice.

A strengthening of the powers of the local authority to enforce a satisfactory standard of food hygiene and to require the observance of proper safeguards to prevent food poisoning are certainly long overdue, and the new legislation is welcome. But as the Ministry of Health have emphasised, it is in the education of food handlers, and in co-operation between the trade and local authorities that the best chance of success lies in reducing preventable food-borne disease. Whatever effect present hygiene propaganda will have, we must accept the fact that routine inspections, repeated time and time again, are the real foundation of public health control. Such vigilance will be difficult to achieve by Health Authorities with existing staff. Meanwhile food premises coming within the provisions of the Food Hygiene Regulations in this Borough are being circularized and a leaflet summarizing the regulations enclosed.

Most of the provisions of the new regulations come into operation as from 1st January 1956, but certain provisions which may involve alterations to premises or equipment, or substantial changes in existing practices, will be deferred until 1st July, 1956. It is very probable that in many cases statutory action will have to be taken to enforce the requirements.

During 1955 inspections were made of premises registered under the Food and Drugs Act for the preparation of sausage and other cooked meats. Visits were also made to restaurant kitchens, bakehouses, snack bars, canteens and foodshops. All infringements noticed were remedied following interviews with the person in charge.

## MILK SUPPLY.

Three classes of milk continue to be retailed in the borough, Tuberculin Tested, Heat Treated and Ordinary raw ungraded. The bulk of the supply is Pasteurised Milk, and as a result of the survey being carried out by the Ministry of Agriculture, Fisheries and Food, it seems likely that Bangor will be classified as a "designated milk" zone. All ungraded new milk would then have to be processed before being retailed.

The following purveyors of milk are registered with the local authority:—

To produce and sell T. T. Milk	..	..	..	8
To retail pasteurised milk	..	..	..	6
To retail sterilized milk	..	..	..	1
To retail ungraded milk	..	..	..	5



The sale of Sterilized milk in a limited quantity by a local shop was a new innovation in the borough in 1955. The value of sterilized milk is a subject much discussed. While sealed it keeps indefinitely, and it is becoming popular with wives who go out to work or who live in remote areas. It can be sold by small traders to whom deliveries can be made at relatively infrequent intervals. As the name implies, it is milk so heated as to destroy the bacteria. The high temperature affects the protein content and there are vitamin losses, but except where the milk is the main source of nutrient, it is considered quite satisfactory.

Of 62 samples of milk submitted for bacteriological examination, 57 were satisfactory, 2 of moderate keeping quality, and 3 of poor keeping quality. The retailers from whose supply the unsatisfactory samples had been taken were asked to take added precautions, followed by further sampling, which were satisfactory.

## HOUSING.

The Housing Repairs and Rents Act 1954, placed new duties on Local Authorities. The first task was to prepare and submit to the Ministry of Housing and Local Government within one year their proposals for dealing with houses in their district which are unfit for human habitation. It was therefore necessary to make a systematic survey of dwellinghouses in the borough.

It is of interest to mention in this report that the City Council embarked on a comprehensive five year plan of slum clearance in 1934, which was completed in 1939. The final figures were as follows :—

Families rehoused .. .. .	534
No. of persons displaced .. .. .	1871
Maes Tryfan Housing Scheme .. .. .	162 houses 2 shops
Hendrewen Housing Scheme .. .. .	18 houses
Brynnlwyd Housing Scheme .. .. .	54 houses
Maesgeirchen Housing Scheme .. .. .	300 houses 4 shops
	<hr/> 540 <hr/>

The following figures serve as an interesting illustration of the remarkable progress made by the Council in connection with Housing since the erection of workmens' dwellings in Sackville Road, Treflan and Minafon 50 years ago.

	1939	1955
Total Number of Houses in the Borough .. .. .	3520	4070
Total Number of Houses owned by the Council .. .. .	951—27%	1452—35%
Population of Borough .. .. .	12530	13860
Number of persons living in Council Houses .. .. .	3435—27%	5082—36%

In view of what was achieved by the pre-war Slum Clearance Schemes, the survey of the district to ascertain which sub-standard dwellinghouses were unfit for human habitation did not result in a large number being classified for demolition in the first five years. The number of houses included in the second classification of 5 to 20 years is similarly very moderate. A third classification of houses for conversion or improvements, or for ultimate clearance was also drawn up.

The classification of the houses inspected is as follows :—

<i>Ward</i>	<i>Clearance (5 years)</i>	<i>Clearance (5 to 20 yrs)</i>	<i>Improvement, Conversion by Owner, or Ultimate Clearance</i>
South ..	19	149	63
East ..	40	33	76
West ..	11	126	65
North ..	14	73	97
TOTALS ..	84	381	301

Of the 84 houses in Group 1, 66 were included in Clearance Orders or Compulsory Purchase Orders, and submitted to the Welsh Office, Ministry of Housing and Local Government for confirmation. At the close of the year, three public inquiries were pending, following objections lodged by owners of properties. 18 houses were dealt with as Individual Unfit Houses and Demolition or Closing Orders made in respect to them.

#### FACTORIES ACT 1937.

The general health provisions of the Factory Act which are administered by local authorities are as follows :—

In all factories :

(a) Sanitary Conveniences.

In factories not using mechanical powers.

(b) Cleanliness

(e) Ventilation

(c) Overcrowding.

(f) Drainage of floors.

(d) Temperature.

Where mechanical power is used the H.M. Inspector of Factories deals with items (b) to (f). He also deals with the provisions relating to lighting in all factories, whether or not mechanical power is used.

Sanitary Inspectors also have general public health duties with regard to factories :—

(a) Boiler plant and smoke nuisance.

(b) Duties in food factories.

(c) Control of hygiene in factory kitchens and canteens.

(d) Control of insect pests and rodent pests.

(e) Prevention and abatement of public health nuisances.

(f) Other public health matters, e.g. drainage, disposal of waste materials, offensive trades, etc.

The number of factories in the borough to include Factory Bakehouses are as follows :—

(a) Factories with mechanical power	..	..	..	..	76
(b) Factories without mechanical power	..	..	..	..	18

Thirty-eight visits were made to factories, some relating to notices received from H.M.I.F. These chiefly had to do with defective sanitation and fittings, and in one instance the unsatisfactory hygiene conditions of a works canteen.

## DRAINAGE AND OTHER SANITARY MATTERS.

Choked drains are dealt with speedily in the borough, they are usually cleared the day they are reported. The tenants usually made the first contact with the landlord who is responsible for clearing the blockage. Landlords invariably failed to carry out this duty, and the department received a complaint from the tenant of a nuisance, and had to go through the formality of serving a notice under the Public Health Act. Such procedure is slow and meanwhile conditions prejudicial to health would occur in the premises. This danger has now largely been made remote, since the Council in 1954 resolved to assume the liability of clearing choked drains free of charge where this could be done by rodding or plunging.

The sanitary accommodation of schools was found reasonably clean, but I would reiterate my contention, made in a previous report, that only with constant supervision by full-time attendants will the lavatories of schools be kept clean and hygienic at all times. Soiling of pans by children cannot be avoided. Under existing arrangements in schools, the caretakers only attend after school hours. There has been a steady increase in the number of pupils attending schools, with the result that the sanitary accommodation especially for girls, is overtaxed. When one considers that few of the pupils or staff manage to go home for midday meals, the shortage of sanitary accommodation is made even more acute.

No complaints were received in respect to the thirty-one fully licensed houses in the borough. Improvements are constantly being carried out to bring these premises into conformity with the requirements of the hygiene regulations. Lead and rubber pipes for conveying beer are gradually being replaced by either stainless steel or plastic, which is a marked improvement. All sanitary conveniences which received inspection were satisfactory.

## SMOKE ABATEMENT.

As far as atmospheric pollution is concerned, except in the case of specific complaints about offending chimneys, which receive special attention, smoke observations are only conducted whenever other work allows time for them. The Gas Works which had been a source of some nuisance in the past, has now stopped the manufacture of gas. Domestic chimneys are responsible for considerable pollution of the atmosphere with smoke and soot. Another serious addition to this nuisance is the chimney on fire. The public deliberately set fire to their chimneys—invariably on Sunday mornings—fouling the air with noxious smoke, soot and fumes. Present day equipment for chimney sweeping is efficient and quick. There is no excuse for allowing chimneys to get choked with soot. Under the Towns Police Clauses Act, 1847, every person who wilfully sets fire to a chimney of a private dwellinghouse is guilty of an offence and liable to a penalty of £5, but where the chimney is fired accidentally, the penalty is only 10/-. Proceedings in respect of chimney firing are usually taken by the police authorities, but we seldom hear reports of action being taken.

## PEST CONTROL.

During the year 24 complaints of rats, and 65 of mice were received. In every case effective steps were taken to secure the eradication of these pests. The Sewers and the refuse tip received the usual half-yearly poisoning treatment. Complaints of ants, beetles, bugs, fleas, cockroaches, steamflies, snails, woodworm and silverfish have been dealt with, and received their quota of annihilating insecticide. Bed-bugs are on their way out, for infestations are negligible. Present-day lethal insecticides must take some of the credit, but a better standard of housing and cleaner tenants is also largely responsible.

## SURVEYOR'S REPORT.

CYRIL RICHARD, B.Sc., A.R.I.C.S., M.INST.MUN.E.

## HOUSING WORK.

### MAINTENANCE.

There are now nearly 1,500 houses to maintain and the Direct Labour Maintenance Department consists of a Superintendent, 12 Craftsmen, and 7 Labourers.



1,571 complaints were dealt with in the year and 280 houses were painted, 171 by Contract and 109 by Direct Labour. This latter figure was governed by a temporary shortage of staff.

#### NEW HOUSES.

Maesgeirchen Contract No. 2 (52 houses) was completed by July, 1955, and Contract No. 3 (16 houses) started in March, 1955 and at Coedmawr 16 Unity Flats were completed in November, 1955. In all, 62 houses and 16 flats were taken over in 1955.

The improvement of 49 Sub-Standard Council Houses under the housing Act 1949 was also in hand. Provision of kitchens and bathrooms.

#### PRIVATE DEVELOPMENT.

Nine new houses were completed.

Eithinog Estate a private building estate laid out by the Corporation was commenced with the construction of roads and sewers.

12 Improvement Grants were made under the Housing Act, 1949.

#### SEWERAGE AND FLOOD PREVENTION.

The systems were not overtaxed during the year, though certain blockages were experienced on some old sewers.

#### WATER SUPPLIES.

An adequate water supply was maintained without undue difficulty. Extensions were carried out at Maesgeirchen Estate.

Waste prevention measures were continued but no progress made on the re-organisation scheme.

Number of dwellings supplied direct from mains :—

In Borough	.. 4300	Outside Borough	.. 135
Estimated population supplied :—			
In Borough	.. 13740	Outside Borough	.. 200
Standpipes supply in population of :—			
In Borough	.. Nil.	Outside Borough	.. 200

#### REFUSE COLLECTION AND DISPOSAL.

The collection and disposal of refuse is by Direct Labour and during the year the 2 refuse vehicles augmented by a Fordson Major Tractor and Trailer equipment. The latter of capacity of 8 cu. yds. This is in operation for 4 days per week and the Tractor for the remainder of the week is used on work on the Controlled Tip.

Once weekly, collection from dwellings and twice weekly from Colleges and Institutions continues.

Wern Fields, Caernarvon Road is still used as a Controlled Tip.

Salvage of waste paper and board continues with baling at the Tip.

## BETHESDA URBAN DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register</i>	<i>No. on Register previous year</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices</i>	<i>No. of these complied with</i>	<i>No. of Statutory Notices</i>	<i>No. of these complied with</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies	8	8	12	-	-	-	-	-	-	-
Retailing Milk Carts ..	-	-	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter Hse. ..	1	1	75	-	-	-	-	-	-	-
Meat Shops ..	7	7	25	-	-	-	-	-	-	-
Retailing Meat Carts ..	5	5	10	-	-	-	-	-	-	-
Factory Bakehouses ..	9	9	24	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops ..	5	5	20	-	-	-	-	-	-	-
Retailing Bread Vans ..	7	7	20	-	-	-	-	-	-	-
Factories (including Factory Bakehouses and Laundries	20	18	46							
Workshops (including Workshop Bakehouses and Laundries ..	-	-	-							
Workplaces ..	-	-	-	-	-	-	-	-	-	-
Home Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses ..	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register</i>	<i>Retailing only</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	1	8	-
B.—Occupying premises outside the District and importing milk into the District .. ..	2	..	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only .. .. .	—	—	—
Licensed .. .. .	1	1	1
Total on Register .. .. .	1	1	1

MEAT ALSO IMPORTED FROM OUTSIDE SOURCES.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 4,340 compared with 4,350 in 1954.

The Birth Rate is 14.53 per 1,000 of the population in 1955 compared with 13.79 in 1954 and 18.77 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 0 per 1,000 live births compared with 16.66 in 1954 and 24.39 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 21.43 per 1,000 of the population compared with 14.94 in 1954 and 12.36 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is 1.382 per 1,000 of the population compared with 0.96 in 1954 and 0.45 per 1,000 of the population in 1953.

The Death Rate from Cancer is 4.608 per 1,000 of the population compared with 2.98 in 1954 and 2.28 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955, 48 cases of infectious diseases were notified, viz., 2 Scarlet Fever ; 15 Whooping Cough ; 29 Measles ; 2 Erysipelas.

## NUMBER OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES					
	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year .. .. .	—	—	—	1	—	—
1—2 years .. .. .	—	—	4	3	—	1
3—4 years .. .. .	—	—	3	6	3	5
5—9 years .. .. .	—	1	4	5	4	2
10—14 years .. .. .	1	—	1	1	—	—
15—24 years .. .. .	—	—	1	—	—	—
25 & over .. .. .	—	—	—	—	—	—
Age unknown .. .. .	—	—	—	—	—	—
Totals .. .. .	1	1	13	16	7	8

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1955.  
(J. G. EVANS, M.S.I.A., A.R.S.I.)

## HOUSING.

Thirty new Council houses were completed during the year. Work was commenced on a further 24 houses.

## WATER SUPPLY.

The main source of supply is the Afon Gaseg which yields a plentiful supply of good water at the intake. The distribution is by gravitation. The mains, however, are old and incrustrated and certain parts of the district experience a shortage at times. It is hoped that the Council's water improvements scheme (prepared by the Council's Consulting Engineers) will be commenced during 1956.

## SEWERAGE.

All the Council houses and the majority of private houses are connected to the main sewer. Sewage treatment is carried out on a six acre land irrigation system.

## REFUSE COLLECTION.

Weekly collection is carried out by the Council lorry and workmen, and the refuse is disposed of by controlled tipping.

## DISINFECTION.

Disinfection is carried out after cases of Infectious diseases and householders are supplied with free disinfectant when necessary. In cases of Tuberculosis where destruction of the bedding is recommended the Council makes a contribution towards replacement.

## RODENT CONTROL.

Systematic inspection and eradication is carried out in properties and sewers. A joint scheme between the Ogwen R.D.C. and Bethesda U.D.C. has been formed and a full time rodent operator employed.

## MEAT SUPPLIES.

The local private slaughter house is operated by five local butchers. At certain times, due to price variations etc., the local butchers obtain their supplies from Bangor and Caernarvon.

## PARKS.

The Council possess a park which includes a bowling green, tennis courts, and children's swings.

## ICE CREAM.

Eight samples of ice cream were submitted to the Public Health laboratory at Conway with the following results—Grade I—6 ; Grade II—1 ; Grade III—0 ; Grade IV.—1. Where an unsatisfactory result was reported, further samples were taken until a satisfactory result was received. Ice cream is manufactured at one shop only in the district and its sale is confined to that shop.

## FOOD PREMISES IN THE DISTRICT.

Bake-houses	..	..	..	..	..	9
Cafes	..	..	..	..	..	5
Butchers	..	..	..	..	..	7
Fish and Chip Shops	..	..	..	..	..	5
Hotels and Public Houses	..	..	..	..	..	9
Fishmongers	..	..	..	..	..	2
Grocers	..	..	..	..	..	20
Ice Cream Retailers (including one manufacturer)						13

All food premises in the district are periodically inspected and the occupiers are always co-operative in carrying out any necessary improvements.

# DISPOSAL OF CONDEMNED FOOD.

Where possible, condemned food is burnt. If this is not practicable the food is buried on the Council's refuse tip after being suitably treated to prevent further use.

# UN SOUND FOOD.

During the year the following foodstuffs were voluntarily surrendered :—

35	lbs. Tinned Meat.
8	lbs. Cheese.
10	Tins Evaporated Milk.
29	Assorted Fruits
55	Tins Vegetables.
63½	lbs. Ham.
51	lbs. Bacon.
140	lbs. Fish.



## BETWSYCOED URBAN DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies..	4	4	-	-	-	-	-	-	-	-
Retailing Milk Carts ..	4	4	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House*..	1	1	-	-	-	-	-	-	-	-
Meat Shops .. ..	1	1	-	-	-	-	-	-	-	-
Retailing Meat Carts ..	3	3	-	-	-	-	-	-	-	-
Factory Bakehouses ..	2	2	2	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops .. ..	3	3	6	-	-	-	-	-	-	-
Retailing Bread Vans ..	3	3	3	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	5	6	5	-	-	-	-	-	-	-
Workshops including Workshop Bakehouses and Laundries.. ..	2	2	5	-	-	-	-	-	-	-
Workplaces .. ..	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trade: .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

  

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	-	-
B.—Occupying premises outside the District; and importing milk into the District .. ..	-	-	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

							In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only .. ..	..	..	..	..	..	..	-	-	-
Licensed .. ..	..	..	..	..	..	..	I	I	I
Total on Register ..	In abeyance	..	..	..	..	..	I	I	I

\*Private Slaughter House not in use.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 750 compared with 750 in 1954.

The Birth Rate is 22.67 per 1,000 of the population in 1955 compared with 16.0 in 1954 and 23.0 per 1,000 of the population in 1953.

The Infantile Mortality Rate is Nil per 1,000 live births compared with 83.33 in 1954 and 58.83 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 14.67 per 1,000 of the population compared with 6.66 in 1954 and 9.47 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is Nil per 1,000 of the population compared with Nil in 1954 and Nil, per 1,000 of the population in 1955.

The Death Rate from Cancer is 5.33 per 1,000 of the population compared with Nil in 1954 and 1.35 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955, no cases of infectious diseases were reported.



## CONWAY BOROUGH

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District</i>	<i>No. on Register</i>	<i>No. on Register previous year</i>	<i>No. of Visits or Inspections</i>	<i>No. of Premises found Defective</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with</i>	<i>No. of Statutory Notices</i>	<i>No. of these complied with</i>	<i>No. of Prosecutions.</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies .. ..	-	12	7	-	-	-	-	-	-	-
Retailing Milk Carts .. ..	-	25	210	-	-	-	-	-	-	-
Milk Shops (Dairy Shops) .. ..	-	-	75	-	-	-	-	-	-	-
Public Slaughter House .. ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House .. ..	3	-	294	-	-	-	-	-	-	-
Meat Shops .. ..	-	12	194	-	-	-	-	-	-	-
Retailing Meat Carts .. ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses .. ..	-	11	130	-	-	-	-	-	-	-
Workshop Bakehouses .. ..	-	-	-	-	-	-	-	-	-	-
Bread Shops .. ..	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans .. ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses and Laundries) .. ..	-	54	153	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. ..	-	-	-	-	-	-	-	-	-	-
Workplaces .. ..	-	-	-	-	-	-	-	-	-	-
Home Worker's Premises .. ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses .. ..	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register</i>	<i>Retailing only</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	6	2	5
B.—Occupying premises outside the District and importing milk into the District .. ..	-	4	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	<i>In. Dec. 1953</i>	<i>In Dec. 1954</i>	<i>In Dec. 1955</i>
Registered only .. ..	-	-	
Licensed .. ..	-	1	3
Total on Register .. ..	-	1	3

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 10,420 compared with 10,420 in 1954.

The Birth Rate is 11.04 per 1,000 of the population in 1955 compared with 12.67 in 1954 and 12.67 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 34.7 per 1,000 live births compared with 30.31 in 1954 and 38.47 per 1,000 live births in 1953.

There was one death from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3)

The General Death Rate is 16.31 per 1,000 of the population compared with 17.66 in 1954 and 16.08 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is 0.287 per 1,000 of the population compared with 0.29 in 1954 and 0.48 per 1,000 of the population in 1953.

The Death Rate from Cancer is 2.015 per 1,000 of the population compared with 2.40 in 1954 and 3.41 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955, 116 cases of infectious diseases were notified viz. :—

14 Scarlet Fever ; 5 Whooping Cough ; 69 Measles ; 17 Dysentery.

## NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group.	NUMBER OF CASES.					
	Scarlet Fever.		Measles		Whooping Cough	
	M.	F.	M.	F.	M.	F.
Under 1 year .. ..	—	—	—	1	—	—
1 — 2 years .. ..	—	—	4	4	—	—
3 — 4 years .. ..	3	1	6	6	1	1
5 — 9 years .. ..	2	6	26	14	2	1
10—14 years .. ..	—	1	—	1	—	—
15—24 years .. ..	1	—	1	—	—	—
25 and over .. ..	—	—	1	1	—	—
Age Unkown .. ..	—	—	2	2	—	—
TOTALS. .. ..	6	8	40	29	3	2

## SANITARY INSPECTOR'S REPORT FOR 1955.

(REES GRIFFITHS, A.R.SAN.I., M.S.I.A.)

## FISH.

The small fleet of trawlers based on Conway continue to operate whenever conditions are suitable. Facilities for handling fish are of the simplest consisting of the time honoured manually operated rope and basket. There is no delay likely to adversely affect the quality of the fish. Catches are landed in very fresh condition and packed in boxes for immediate dispatch to the markets.

Returned boxes are examined from time to time on the Quay and are generally found to be in a clean condition, free from the smelly evidence of previous contents.

## CAMPING.

Camping still continues to increase and all the licensed sites are well patronised during the summer. Provision has been made by the Council for an additional block of Sanitary Conveniences at the Council owned site at the Morfa. This should be ready some time in 1956.

## HOUSING.

No new Council houses have been erected during the year.

54 new dwelling houses were completed by private enterprise and occupied in 1955.

On the instruction of the Council, a comprehensive inspection of all Council houses was carried out by the Housing Foreman and myself. Over a thousand inspections were made for that purpose over a period of nine months. A day a week was given solely to the work, in each case an informal notice was sent to the occupier of intention to inspect. In the majority of houses we were received with the utmost courtesy. In the best kept houses we were given the best welcome, indeed some of the more house proud tenants were very annoyed if, after seeing the ground floor rooms, we expressed our satisfaction by declining to climb the stairs to examine the bedrooms. The majority were most co-operative and where unavoidable absences occurred, the key had been left with neighbours.

Admission was flatly refused in a few cases, this was followed by the service of a formal notice of intention to enter, which had the desired effect.

We found very few real lapses, and those were generally in houses occupied by old people or invalids. In cases where young people were tenants, a severe reprimand and the threat of a report to the Council resulted in an immediate improvement.

Summing up, I would say that the Council is to be congratulated on having so many really excellent tenants whose homes are kept very beautifully.

Except for one or two diehards, the effects of the Council's pre-war slum clearance policy has been an unqualified success, and it would be impossible for a stranger to distinguish the houses occupied by those families, and their sons and daughters now married who formed the vanguard of the bedraggled little companies that were re-housed from clearance areas twenty years ago.

## MILK SAMPLING RESULTS.

## PASTEURISED MILK.

Satisfactory	..	..	..	..	..	241
Unsatisfactory	..	..	..	..	..	5
						<hr/>
						246 Samples.

## RAW T.T. MILK.

Satisfactory	..	..	..	..	..	99
Unsatisfactory	..	..	....	..	..	17
						<hr/>
						116 Samples.

## STERILISED MILK.

Satisfactory	..	..	..	..	..	7
Unsatisfactory	..	..	..	..	..	—
						<hr/>
						7 Samples.

Total No. of Samples	..	..	..	..	..	369
						<hr/>

## ICE CREAM SAMPLING, 1955.

<i>Manufacturer.</i>	<i>Total No. of Samples.</i>	<i>Provisional Grading.</i>			
		1	2	3	4
Eldorado Ltd. .. .. .	15	15	—	—	—
Fortes Ltd. .. .. .	109	87	12	8	2
Four Crosses .. .. .	6	4	2	—	—
Lyons Ltd. .. .. .	83	79	3	1	—
Midland Ice Co. .. .. .	44	36	7	1	—
Welcoast Ice Co. .. .. .	22	15	5	2	—
Paraselli .. .. .	18	3	2	7	6
Walls Ltd. .. .. .	92	77	14	1	—
Miss Williams, Broncastell .. .. .	2	2	—	—	—
	391	318	45	20	8

## TYPE OF RETAIL PACKING.

<i>Type of Packing.</i>	<i>Total No. of Samples.</i>	1	2	3	4
Wrapped .. .. .	232	192	33	7	—
Sealed Carton .. .. .	67	59	5	2	1
Loose .. .. .	74	49	7	11	7
Cone .. .. .	18	18	—	—	—
	391	318	45	20	8

## CONDEMNED FOODSTUFFS.

peaches .. .. .	25 tins.
Pineapples .. .. .	5 tins.
Pears .. .. .	14 tins.
Salmon .. .. .	2 tins.
Tuna .. .. .	14 tins.
Milk .. .. .	25 tins.
Apricots .. .. .	35 tins.
Beans .. .. .	17 tins.
Soup .. .. .	2 tins.
Lamb Tongue .. .. .	5 tins.
Marmalade .. .. .	3 Pots.
Stewing Steak .. .. .	6 tins.
Grape Fruit .. .. .	3 tins.
French Brawn .. .. .	8 tins.
Luncheon Tongue .. .. .	1 tin. 6 lb.
Fish Cakes .. .. .	1 Box 14 lb.
Corned Beef .. .. .	8 tins. 48 lb.
Spaghetti .. .. .	1 tin.
Sauce .. .. .	1 bottle.
Peas .. .. .	7 tins.
Garden Peas .. .. .	1 tin.
Apricot Jam .. .. .	1 jar.
Picallili .. .. .	1 bottle.
Tomatoes .. .. .	11 lb.
Beef Loaf .. .. .	5 tins.
Pork Sausages .. .. .	4 lb.
Plums .. .. .	10 tins.

Syrup .. .. .	4 tins.
Pig Tongue .. .. .	2 tins. 12 lb.
Mackeral .. .. .	2 stone.
Fruit Jellies .. .. .	96 packets.
Dried Peas .. .. .	1 packet. 25 lbs.
Carrots .. .. .	1 tin.
Margarine .. .. .	7 lb.
Chicken .. .. .	3 tins.
Ox Tongue .. .. .	3 tins.
Cherries .. .. .	13 tins.
Luncheon Meat .. .. .	15 tins.
Tomatoes .. .. .	4 tins.
Luncheon Pork .. .. .	1 tin.
Currants .. .. .	50 lb.
Boiled Ham .. .. .	4 tins. 41½ lb.
Gammon Ham .. .. .	1 tin.
Shoulder Ham .. .. .	5 tins.

## CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<i>Cattle excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number killed (if known) ..	140	—	2	2320	162	—
Number inspected .. ..	140	—	2	1740	162	—
<i>All diseases except Tuberculosis and Cysticerci.</i>						
Whole carcasses condemned ..	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ..	60	—	—	—	—	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	42%	—	—	—	—	—
<i>Tuberculosis only.</i>						
Whole carcasses condemned ..	—	—	—	—	—	—
Carcasses of which some part or organ was condemned .. ..	1	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis	714%	—	—	—	—	—
<i>Cysticercosis.</i>						
Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration .. ..	—	—	—	—	—	—
Generalised and totally condemned .. .. .	—	—	—	—	—	—







## SALVAGE RECOVERED.

					£	s.	d.	T.	Cwts.	Qrs.
Paper	..	..	..	..	1348	11	3	158	2	3
Rags	..	..	..	..	61	4	0	3	8	0
Non, Ferr. Metal.	..	..	..	..	2	10	0	0	2	2
Black Scrap	..	..	..	..	0	10	0	1	0	0
					<hr/>			<hr/>		
					£1412	15	3	162	13	1
					<hr/>			<hr/>		

# LLANDUDNO URBAN DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

## REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District</i>	<i>No. on Register</i>	<i>No. on Register previous year</i>	<i>No. of Visits or Inspections</i>	<i>No. of Premises found Defective</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with</i>	<i>No. of Statutory Notices</i>	<i>No. of these complied with</i>	<i>No. of Prosecutions.</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies .. ..	45	45	-	-	-	-	-	-	-	-
Retailing Milk Carts .. ..	-	-	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops) .. ..	-	12	-	-	-	-	-	-	-	-
Public Slaughter House .. ..	1	1	340	-	-	-	-	-	-	-
Private Slaughter House .. ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. ..	15	18	24	7	7	3	-	-	-	-
Retailing Meat Carts .. ..	11	11	16	8	8	7	-	-	-	-
Factory Bakehouses .. ..	-	8	-	-	-	-	-	-	-	-
Workshop Bakehouses .. ..	-	-	-	-	-	-	-	-	-	-
Bread Shops .. ..	45	45	-	-	-	-	-	-	-	-
Retailing Bread Vans .. ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses and Laundries) .. ..	98	100	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. ..	-	11	58	10	10	10	-	-	-	-
Workplaces .. ..	-	-	-	-	-	-	-	-	-	-
Home Worker's Premises .. ..	-	1	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses .. ..	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register</i>	<i>Retailing only</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	12	4	-
B.—Occupying premises outside the District and importing milk into the District .. ..	4	4	-

## SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	<i>In. Dec. 1953</i>	<i>In Dec. 1954</i>	<i>In Dec. 1955</i>
Registered only .. ..	-	-	-
Licensed .. ..	1	1	1
Total on Register .. ..	1	1	1

NOTE:—Public Abattoir only now in use.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 16,720, compared with 16,650 in 1954.

The Birth Rate is 11.01 per 1,000 of the population in 1955 compared with 12.31 in 1954 and 11.89 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 16.30 per 1,000 live births compared with 14.63 in 1954 and 30.93 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 13.70 per 1,000 of the population compared with 14.11 in 1954 and 12.99 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is 0.119 per 1,000 of the population compared with 0.24 in 1954 and 0.36 per 1,000 of the population in 1953.

The Death Rate from Cancer is 3.469 per 1,000 of the population compared with 2.70 in 1954 and 2.26 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES

During 1955, 290 cases of infectious diseases were notified viz., 6 Scarlet Fever ; 26 Whooping Cough ; 177 Measles ; 48 Dysentery ; 14 Pneumonia ; 12 Chickenpox ; and 17 Erysipelas.

## NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES					
	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year .. .. .	—	1	4	3	—	2
1— 2 years .. .. .	1	—	17	12	3	5
3— 4 years .. .. .	2	—	21	29	3	3
5— 9 years .. .. .	—	2	43	31	5	4
10—14 years .. .. .	—	—	2	8	—	—
15—24 years .. .. .	—	—	—	3	—	—
25 & over .. .. .	—	—	1	2	—	1
Age Unknown .. .. .	—	—	1	—	—	—
Totals .. .. .	3	3	89	88	11	15

## REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1955.

(I. G. GRIFFITHS, M.S.I.A.)

## GENERAL SUMMARY

Total No. of visits and Inspections .. .. .	4868
No. of complaints received and attended to .. .. .	690
No. of Nuisances found .. .. .	258

No. of Nuisances abated .. .. .	244
No. of Nuisances not abated or in hand .. .. .	14
No. of Statutory Notices served .. .. .	6
No. of Informal Notices served .. .. .	43
No. of Verbal Notices served .. .. .	215
No. of visits re drainage (including new drains tested) .. .. .	237
No. of visits to Camping sites, caravans etc. .. .. .	60
No. of visits to Factories with Mechanical Power .. .. .	41
No. of Visits to Factories without Mechanical Power .. .. .	17
No. of Visits to Places of Public Entertainment .. .. .	15
No. of Visits re Rodent Control .. .. .	177
No. of Visits to filthy or verminous premises .. .. .	8
No. of Visits re enquiries of infectious disease .. .. .	74
No. of Visits re disinfection .. .. .	14
No. of Visits re Explosives Acts 1875 and 1923 .. .. .	48
No. of Visits re Petroleum Acts, 1928 .. .. .	24
No. of Visits re Pet Animals Act, 1951 .. .. .	4
No. of Visits in connection with Milk Sampling .. .. .	193
No. of Visits in connection with Ice Cream Sampling .. .. .	127
No. of Visits to the Abattoir .. .. .	340
No. of Visits to Shops re Unsound Food .. .. .	69
No. of Visits to Dairies and Milk Distributors .. .. .	79
No. of Visits to Food Preparing Premises .. .. .	191
No. of Visits to other food premises .. .. .	323
No. of Soil samples taken .. .. .	14

#### HOUSING

The coming into operation of the Housing Repairs and Rents Act, 1954, and the submission to the Ministry of Housing and Local Government of proposals for dealing with houses in the district which appear to be unfit for human habitation entailed a survey of suspect dwelling-houses numbering 2,304 properties. Fortunately, the question of slum property, as such, in Llandudno is not a serious one, and there would appear to be no area ripe for Clearance Area procedure. It was estimated that 29 properties be considered for Housing Act Action within the next 5 years and 65 within the next 5—20 years.

Total No. of houses inspected for housing defects (P.H. Acts) .. .. .	299
Total No. of visits for housing defects .. .. .	386
Total No. of houses inspected under Housing Acts .. .. .	2304
Total No. of dwelling-houses found to be unfit for human habitation .. .. .	28
Total No. of dwelling-houses found not to be in all respects fit for human habitation .. .. .	67
No. of dwelling-houses rendered fit in consequence of informal action .. .. .	39
No. of Premises rendered fit, as a result of formal action under the Public Health Act, 1936 .. .. .	4
No. of premises in respect of which Undertakings were accepted under Sec. 11 of the Housing Act, 1936 .. .. .	4
No. of premises in respect of which Undertakings were accepted under Sec. 12 of the Housing Act, 1936 .. .. .	2

No applications have been received during the year for Certificates of Disrepair under the Housing Repairs and Rents act, 1954.

#### FOOD PREMISES.

Generally, the standard of food premises is fairly satisfactory but a higher standard must be achieved. A policy of patience and persuasion is in the long run showing results.

The following tinned and other foods have been voluntarily surrendered by shopkeepers and others during the year :—

## MEAT.

Cooked Ham	..	..	..	..	..	52 tins
Ox Tongues	..	..	..	..	..	17 tins.
Luncheon Meat	..	..	..	..	..	27 tins.
Jellied Veal	..	..	..	..	..	18 tins.
Stewed Steak	..	..	..	..	..	7 tins.
Corned Beef	..	..	..	..	..	14 tins.

## FISH.

Salmon	..	..	..	..	..	7 tins.
Smoked Haddock	..	..	..	..	..	2 stone
Plaice	..	..	..	..	..	143 lbs.
Trout	..	..	..	..	..	200 lbs.

## FRUIT.

Apples, Pears, Plums, Peaches, Apricots,						
Cherries, etc.	..	..	..	..	..	325 tins.

## VEGETABLES.

Peas	..	..	..	..	..	88 tins.
Carrots	..	..	..	..	..	48 tins.
Beetroot	..	..	..	..	..	9 tins.
Beans	..	..	..	..	..	23 tins.
Potatoes	..	..	..	..	..	112 lbs..
Tomatoes	..	..	..	..	..	212 tins.

## MISCELLANEOUS.

6 lbs. of Fillet Steak.	
6 lbs. Shoulder of Lamb.	
10 lbs. of Bath Chaps.	
20 lbs. of Sausage.	
147 lbs. of Pork.	
36 lbs. of Veal.	
150 lbs. of Beef.	
29 lbs. of Cheshire Cheese.	
89 x 4 oz. Packets of Cheese.	
22 x 4 oz. Packets of Dolly Mixtures.	
70 x 8 oz. Packets of Dates.	
42 Chickens.	
24 Swiss Rolls.	
2 Boxes of Apples.	
28 lbs. of Baking Powder.	
$\frac{1}{2}$ gallon Mint Sauce.	
7 lbs. of Suet.	
11 Tins of Jam.	
22 Tins of Soup.	
77 Tins of Milk.	

Total Weight—1 Ton, 10 Cwts. 90 lbs.

## MEAT INSPECTION—PUBLIC ABATTOIR.

The current practice of Sunday slaughtering and evening slaughtering has proved a considerable strain on the sole inspector. Whilst appreciating the "commercial" aspect both from the traders' and local authority's points of view, a 100% meat inspection is a "must" and one wonders how far this can be achieved without fixed hours of slaughtering or a compulsory retention of carcases until they have been inspected.

The following meat and offals were condemned and disposed of during 1955 :—

10 bodies of beef	..	..	..	..	4287 lbs.
7 forequarters of beef	..	..	..	..	786 lbs.
1 Ox carcase and all offal	..	..	..	..	540 lbs.
Ox Heads	..	..	..	..	33
Ox Kidneys	..	..	..	..	6
Ox Livers	..	..	..	..	304
Part Ox Livers	..	..	..	..	85
Complete Ox Offals	..	..	..	..	12
Ox Lungs	..	..	..	..	185
Ox Hearts	..	..	..	..	8
Ox Skirts	..	..	..	..	4
4 Ewes and all offal	..	..	..	..	117 lbs.
2 Legs of Mutton	..	..	..	..	8 lbs.
3 Legs of Lamb					13 lbs.
3 Complete sheep	..	..	..	..	107 lbs.
Sheep Livers	..	..	..	..	325
Sheep Plucks	..	..	..	..	35
4 Pigs	..	..	..	..	245 lbs.
Pigs Livers	..	..	..	..	7
Pigs Lungs	..	..	..	..	4
Pigs Heads	..	..	..	..	125
Pigs Plucks	..	..	..	..	35
1 Shank of Pork					
2 Calfs and all offal	..	..	..	..	78 lbs.
1 Hindquarter of veal	..	..	..	..	63 lbs.
Total Weight—7 Tons ; 1 cwt. ; 45 lbs.					



The total number of animals slaughtered and carcasses inspected was as follows :—

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<i>Cattle Excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number killed (if known) .. ..	810	493	395	11511	3314	Nil.
Number inspected .. ..	810	493	395	11511	3314	—
<i>All diseases except Tuberculosis and Cysticerci</i> .. ..						
Whole carcasses condemned ..	—	—	—	8	—	—
Carcasses of which some part or organ was condemned .. ..	304	—	1	330	125	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ..	37.5	—	0.25	2.8	3.7	—
<i>Tuberculosis only</i>						
Whole carcasses condemned ..	1	5	—	—	—	—
Carcasses of which some part or organ was condemned .. ..	35	3	—	—	19	—
Percentage of the number inspected affected with tuberculosis ..	4.4	1.6	—	—	0.5	—
<i>Cysticercosis</i>						
Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration .. ..	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

FOOD AND DRUGS ACT 1938.

REGISTERED PREMISES SEC. 14. F. & D. ACT, 1938.

1. Sausage Manufacturers etc.	..	..	14
2. Ice Cream Manufacturers ..	..	..	3
3. Ice Cream Sale and/or storage	..	..	64
4. Fish Friers .. ..	..	..	12

## FOOD PREMISES.

503 visits have been made during the year to premises where food is prepared, stored, sold or manufactured.

Bakeries .. .. .	16
Butchers .. .. .	24
Food preparing Premises .. .. .	159
Grocers .. .. .	89
Greengrocers, etc. .. .. .	35
Ice Cream premises .. .. .	129
Fried Fish Shops .. .. .	16
Others .. .. .	14

## MILK.

## RETAILERS LICENSED FOR GRADED MILK.

Tuberculin Tested .. .. .	22
Pasteurised .. .. .	24
Sterilised .. .. .	5

## BACTERIOLOGICAL EXAMINATION.

A total of 177 samples of Milk retailed in the District were submitted to the Public Health Laboratory, Conway, for bacteriological examination. 20 samples failed to conform to the prescribed standards.

## CHEMICAL ANALYSIS.

20 samples of milk were submitted to the Public Analyst, Chester for chemical analysis. 4 samples on analysis were found to be "Not Genuine," being in all cases deficient in solids-not-fat. Subsequent "Appeal to Cow" samples taken at the farms at times of milking were found to be below standard and as such were deemed to be "Genuine."

## ICE CREAM BACTERIOLOGICAL EXAMINATION.

104 samples of Ice Cream were submitted to the Public Health Lab., Conway, with the following results :—

Grade 1.	Grade 2.	Grade 3.	Grade 4.
58	22	19	5

## RODENT CONTROL.

177 visits have been made in rodent control including refuse tips. 50 householders were supplied with poison. In addition, all public sewers are regularly check-baited and treated as necessary. 309 man-holes were baited during the year.

REPORT OF THE ENGINEER AND SURVEYOR.  
(J. A. EDWARDS, B.Eng., A.M.I.C.E., A.M.T.P.I., Etc.)

During 1955, both the quality and the quantity of the water have been satisfactory. Bacteriological examinations of the raw water were made monthly at the Lakes Dulyn & Melynnlyn and at the balancing tank at Llanbedr immediately before treatment. At the last-named point water is sterilized by the Chloramine Process, using injections of Ammonia and Chlorine gases, and bacteriological examinations are taken weekly at various points in the district network.

The results have been satisfactory and the majority of reports taken by an independent Analyst at Conway Public Health Laboratories shewed Ministry of Health Classification 1. No serious contamination has been experienced, and any samples which have fallen below Classification have, on subsequent tests from the same source, yielded Class 1 results, shewing that the original inability to obtain this standard had been, probably due to sampling errors.

There are 6165 properties in the District which are supplied with water direct. There are no properties in the town which are served by means of standpipes.

#### REPORT OF THE METEOROLOGICAL OBSERVER (GLYN A. ROBERTS, F.R.Met.S., A.R.S.I.)

The Meteorological Station, which is a District Valucs Station recognised by Air Ministry, is situated at the Llandudno Cricket Ground. The Site is 13 feet above mean sea level.

The instruments comprise one Kew Pattern Barometer, Maximum and Minimum thermometers, Wet and Dry Bulb Hygrometers, Grass Minimum Thermometer, Snowdon Pattern Rain-gauge, Campbell, Stokes Sunshine Recorder, Barograph, Hygrograph and Thermograph. During 1955 an anemometer was installed for recording the velocity of the wind. All the instruments have been tested and certified at the National Physical Laboratory and the Station is inspected annually by an Inspector from Air Ministry.

Telegraphed reports are made daily to the Meteorological Office to assist the compilation of weather reports. Detailed summaries of the weather conditions are forwarded both weekly and monthly to the Air Ministry.

Reports are made regularly to the Local press, and from time to time special observations are made and researches carried out for Government Departments, Universities, Insurance Companies, Scientific Bodies and others.

Complete sets of weather figures are available since 1909 and mean values and miscellaneous data go back as far as 1861 when the Late Dr. J. Nicol M.D., Medical Officer of Health commenced to make daily observations.

#### MISCELLANEOUS NOTES ON THE WEATHER OF 1955.

The sunshine total for the year was most satisfactory with 1,832 hours which is 122 per cent. of the forty years mean. The total for 1954 was 1,429 hours while 1953 received 1,690 hours. The poorest month of the year was June with only 71 per cent. of normal sunshine. This was more than compensated for by July with 184 per cent. of normal sunshine. August, September and November were noteworthy with 152, 143 and 140 per cent. respectively.

Bright sunshine was recorded on 316 days during 1955 and the most sun recorded in one day was 14.7 hours on the 31st May and 5th July. January was the poorest month with sunshine recorded on only sixteen days.

The rainfall for the year was very light with a total of only 21.99 inches which is 78 per cent. of the normal for the district. June was a poor month with 169 per cent. of the normal rainfall for the month. July and August gave superb holiday weather with 24 per cent. and 40 per cent. respectively of the normal for the period. The heaviest 24 hours total during the year was 0.76 inches on the 15th December.

The highest temperature recorded during the year was 86 degrees on the 23rd August and the lowest temperature was 19 degrees Fahrenheit on the 27th February.

The following Tables shew Means, Extremes and Totals month by month for the whole year.

TABLE I.

BAROMETRIC PRESSURE, VAPOUR PRESSURE, HUMIDITIES AND MEANS AND EXTREMES OF TEMPERATURES

<i>Month</i>	<i>Baro- meter in Inches</i>	<i>Vapour Pres- sure</i>	<i>Hum- idity-</i>	<i>Mean of Max.</i>	<i>Mean of Min.</i>	<i>Mean of Max &amp; Min</i>	<i>High est Max.</i>	<i>Date</i>	<i>Lowest Min.</i>	<i>Date</i>
January ..	29.78	7.6	84	44.5	35.6	40.1	55	29	23	14
February ..	29.71	6.8	86	40.9	33.1	37.0	53	7	19	27
March ..	30.12	6.2	71	44.1	34.4	39.3	53	25	26	13,31
April ..	30.18	9.7	80	54.1	42.8	48.5	59	25, 27	33	1
May ..	29.91	9.7	77	55.6	45.7	50.7	71	31	39	20
June ..	29.98	12.7	81	61.8	51.9	56.9	72	6	42	10
July ..	30.17	15.5	77	68.7	54.9	61.8	76	13	49	5
August ..	30.12	16.4	77	70.4	57.3	63.9	86	23	48	5
September ..	30.01	13.4	79	64.5	54.4	59.5	74	8	49	19
October ..	29.99	11.0	79	56.6	47.0	51.8	67	8	34	31
November ..	30.10	9.5	84	51.6	41.7	46.7	62	5	31	18
December ..	29.73	9.3	86	50.1	41.1	45.6	59	25	26	19
Means ..	29.98	10.7	80	55.2	45.0	50.1	—	—	—	—

TABLE II.

SUNSHINE AND RAINFALL.  
 STATISTICS FOR LLANDUDNO DURING 1954 WITH COMPARATIVE VALUES FOR  
 ENGLAND AND WALES.

<i>Month</i>	SUNSHINE			RAINFALL		
	<i>Total (Hrs.)</i>	<i>% of average</i>	<i>England &amp; Wales % of average</i>	<i>Total (Ins.)</i>	<i>% of average</i>	<i>England &amp; Wales % of average</i>
January .. ..	49.0	95	77	2.54	105	114
February .. ..	79.0	115	122	1.82	92	103
March .. ..	178.0	145	134	1.48	73	83
April .. ..	160.4	103	111	0.95	56	65
May .. ..	209.7	102	109	1.91	107	179
June .. ..	151.8	71	81	3.21	169	143
July .. ..	332.0	184	146	0.53	24	37
August .. ..	254.0	152	116	1.13	40	34
September ..	188.1	143	117	1.19	56	80
October .. ..	114.2	116	121	2.14	64	77
November .. ..	67.7	140	96	1.59	55	71
December .. ..	38.3	98	105	3.52	121	109
Mean .. ..		122	113		78	89
Totals .. ..	1832.2			21.99		



TABLE III.

MONTHLY MEANS AND EXTREMES—SUNSHINE AND RAINFALL 1954.

Month	RAINFALL			SUNSHINE			
	No. of "Rain Days" (i.e. 0.01 ins. or more)	Greatest Fall in 24 hours	Date	Daily Mean (Hrs.)	Most Sun in one day (hours)	Date	No. of days on which bright sunshine was recorded
January .. ..	16	0.71	15	1.58	6.4	19	16
February .. ..	17	0.32	8	2.82	8.2	27	23
March .. ..	10	0.55	25	5.74	11.0	31	27
April .. ..	12	0.32	7	5.68	11.8	20	28
May .. ..	19	0.32	12	6.76	14.7	31	30
June .. ..	16	0.59	6	5.06	14.6	1	28
July .. ..	2	0.31	2	10.71	14.7	5	31
August .. ..	8	0.51	8	8.19	13.8	5	30
September .. ..	13	0.30	12	6.27	11.5	7	30
October .. ..	16	0.47	18	3.68	9.6	3	30
November .. ..	9	0.42	3	2.26	7.7	1, 4	23
December .. ..	21	0.76	15	1.24	5.7	18	20
Totals .. ..	159	—	—	5.02	—	—	316

## LLANFAIRFECHAN URBAN DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies	13	13	10	-	-	-	-	-	-	-
Retailing Milk Carts	3	3	6	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	4	4	12	-	-	-	-	-	-	-
Public Slaughter House	-	-	-	-	-	-	-	-	-	-
*Private Slaughter House	3	3	65	-	-	-	-	-	-	-
Meat Shops	4	4	42	-	1	1	-	-	-	-
Retailing Meat Carts	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses	2	3	6	-	-	-	-	-	-	-
Workshop Bakehouses	-	-	-	-	-	-	-	-	-	-
Bread Shops	10	9	12	-	-	-	-	-	-	-
Retailing Bread Vans	5	5	10	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	10	11	12	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	22	23	-	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	3	1	13
B.—Occupying premises outside the District, and importing milk into the District .. ..	1	-	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only .. ..	3	3	3
Licensed (The Public Abattoir) .. ..	-	-	-
Total on Register .. ..	3	3	3

\*Private Slaughter Houses in use since July 1954.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 3,060 compared with 3,070 in 1954.

The Birth Rate is 13.73 per 1,000 of the population in 1955 compared with 13.68 in 1954 and 14.12 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 23.81 per 1,000 live births compared with Nil in 1954 and 23.26 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 12.75 per 1,000 of the population compared with 12.05 in 1954 and 21.02 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is Nil per 1,000 of the population compared with Nil in 1954 and 0.32 per 1,000 of the population in 1953.

The Death Rate from Cancer is 2.941 per 1,000 of the population compared with 2.28 in 1954 and 3.61 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955, 42 cases of infectious diseases were notified viz., 2 Scarlet Fever; 9 Whooping Cough; 9 Measles; 21 Pneumonia; 1 Erysipelas.

## NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group	Scarlet Fever		NUMBER OF CASES Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year ..	—	—	—	—	1	1
1—2 years ..	—	—	1	1	—	—
3—4 years ..	—	1	1	2	2	1
5—9 years ..	—	—	3	—	2	2
10—14 years ..	—	—	—	1	—	—
15—24 years ..	—	1	—	—	—	—
25 and over ..	—	—	—	—	—	—
Age unknown ..	—	—	—	—	—	—
Totals .. ..	—	2	5	4	5	4

## SANITARY INSPECTOR'S ANNUAL REPORT.

(EVAN WILLIAMS, C.R.S.T., A.F.S. (ENG.)

## WATER SUPPLY.

Supplies from both Aber Lake and Camarnaint Reservoir proved adequate throughout the year. It is disappointing that the Scheme of Improvement to the supply did not materialise during the year.

## SEWERAGE.

The usual inspections were carried out, and the pumping plant is in order.

## PUBLIC SANITARY CONVENIENCES.

One convenience was reconstructed during the year. The four Conveniences are cleaned daily, and oftener during the summer months.

## SCAVENGING.

The main roads are cleaned daily, and other roads once weekly.

## DISINFECTION.

There was no call for disinfection during the year.

## HOUSING.

Twenty-two houses were completed by the local Authority.

## SLAUGHTER HOUSES.

Three slaughter houses are licenced, but only one is in use. Slaughtering takes place on two days a week. All carcasses and offal are inspected prior to leaving the slaughter house.

## MEAT, MILK AND OTHER FOODS.

All food shops and other premises connected with the preparation of food are periodically inspected. The following were voluntarily surrendered as unfit for human consumption.

Frozen Eggs	61 lbs.	Potatoes	80 lbs.
Beef	151 lbs.	Ox Tongue	2 lbs.
Tinned Ham	50 lbs.	11 Tins various foods.	

## CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle Ex- cluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known) .. .. .	65	—	—	829	28	—
Number inspected .. .. .	65	—	—	414	28	—
<i>All diseases except Tuberculosis and Cysticerci.</i>						
Whole carcasses condemned .. .. .	—	—	—	—	—	—
Carcasses of which some part or organ was con- demned .. .. .	3	—	—	—	—	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ..	4.61	—	—	—	—	—
<i>Tuberculosis only</i>						
Whole carcasses condemned .. .. .	—	—	—	—	—	—
Carcasses of which some part or organ was con- demned .. .. .	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis .. .. .	—	—	—	—	—	—
<i>Cysticercosis</i>						
Carcasses of which some part or organ was con- demned .. .. .	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	—	—	—	—	—	—
Generalised and totally condemned .. .. .	—	—	—	—	—	—

# PENMAENMAWR URBAN DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

## REGULATED ESTABLISHMENTS.

Those premises situated within the District.	No. on Register.	No. on Register previous year.	N o. of Visits or Inspections.	N o. of Premises found Defective.	N o. of Infimal Notices.	N o. of these complied with.	N o. of Statutory Notices.	N o. of these complied with.	N o. of Prosecution	Purveyors from outside the District
	1 1955	2 1954	3 1955	4	5	6	7	8	9	10
Cowsheds & Farm Dairies	8	9	-	-	-	-	-	-	-	-
Retailing Milk Carts	10	8	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House	-	-	-	-	-	-	-	-	-	-
Private Slaughter House*	3	8	1	1	1	-	-	-	-	-
Meat Shops	5	5	15	3	3	3	-	-	-	-
Retailing Meat Carts	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses	5	5	-	-	-	-	-	-	-	-
Workshop Bakehouses	-	-	-	-	-	-	-	-	-	-
Bread Shops	18	17	11	-	-	-	-	-	-	-
Retailing Bread Vans	4	2	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	6	6	6	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	13	14	7	-	-	-	-	-	-	-
Workplaces	-	20	-	-	-	-	-	-	-	-
Home-Workers' Premises	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

Milk Dealers on the Register.	Retailing only.	Retailing & Producing..	Wholeselling & Producing
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	-	-
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	-	-

## SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955.
Registered only .. ..	1	1	1
Licensed .. ..	2	2	2
Total on Register .. ..	3	3	3

\*only one in use.



## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 4,006 compared with 4,090 in 1954.

The Birth Rate is 10.10 per 1,000 of the population in 1955 compared with 10.76 in 1954 and 10.92 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 24.39 per 1,000 live births compared with 22.73 in 1954 and 44.44 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 22.91 per 1,000 of the population compared with 18.09 in 1954 and 15.60 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is 0.738 per 1,000 of the population compared with 0.49 in 1954 and 0.72 per 1,000 of the population in 1953.

The Death Rate from Cancer is 3.695 per 1,000 of the population compared with 3.42 in 1954 and 2.67 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955 26 cases of infectious diseases were notified viz., 24 Measles ; 2 Pneumonia.

## NUMBERS OF CASES IN AGE GROUPS. OF MEASLES.

<i>Age Group</i>	NUMBER OF CASES	
	<i>Measles</i>	
	M	F
Under 1 year ..	—	—
1— 2 years ..	3	2
3— 4 years ..	5	1
5— 9 years ..	6	5
10—14 years ..	—	1
15—24 years ..	—	—
25 and over ..	—	1
Age unknown ..	—	—
Totals .. ..	14	10

## REPORT OF SANITARY INSPECTOR &amp; SURVEYOR

(A. CROWTHER, M.S.I.A., M.R.SAN.I.)

## WATER SUPPLY.

The drought of July and August caused concern as there were a large number of holiday visitors in the town and the daily consumption of water was at its peak.

The waste detection scheme, which commenced at the end of 1954, was only half completed, but fortunately, the wastage found before the drought commenced more than balanced the increase in consumption. The amount of water in storage was seriously affected, but it was not found necessary to cut off supplies to any part of the district.

#### REFUSE COLLECTION.

The collection of refuse was maintained as a weekly service throughout the year except for just a few occasions when collection was a day or two late due to mechanical breakdowns.

The disposal of refuse on the tip was not so satisfactory. The tip is too exposed and during the dry summer, paper blowing off the tip face was a constant nuisance.

The problem of acquiring a new site for a tip was still unsolved at the end of the year.

A collection of trade refuse is made twice weekly and the refuse burnt at the Incinerator.

#### SEWERS.

No major blockages occurred during the year due to the system of regular inspection and flushing etc. The low annual cost in sewer maintenance of under £200 is proof of the excellent sewerage system designed by former officials of the Council 60 years ago.

#### HOUSING.

No new Council houses were built during the year, but the Council purchased two large houses for conversion into flats. Three Improvements Grants were approved for improvements to private houses. The number of enquiries for these grants is considerable. If all the schemes are carried out, the amount given in grants will be much greater in 1956.

#### CARAVAN SITES.

Five caravan sites are licenced for a total of 218 caravans, subject to the site operator complying with the Council's conditions for spacing, density, water supply, sewage disposal and refuse disposal. No serious infringements of these conditions arose during the year.

#### FOOD INSPECTION.

The three local butchers share one licenced slaughterhouse. The arrangement is quite satisfactory. A 100% inspection service was maintained and the condemned meat removed from the premises by Council transport and burnt the same day. The weight of meat condemned is low, the quality of meat is definitely better than that available in this district under Centralised Slaughtering.

Tinned foodstuffs voluntarily surrendered were as follows :—

Milk	..	..	..	..21 tins.
Fruit	..	..	..	..61 tins.
Beans	..	..	..	.. 3 tins.
Vegetables	..	..	..	..42 tins.
Fish	..	..	..	.. 3 tins.
Meat	..	..	..	..16 tins.
Preservatives	..	..	..	.. 2 jars.
Total Weight	..	..	..	..230 lbs.

## CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<i>Cattle Exclud- ing Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number killed (if known) . . . .	166	Nil.	14	2608	133	Nil.
Number inspected . . . .	166	Nil.	14	2608	133	Nil.
<i>All diseases except Tuberculosis and Cysticerci</i>						
Whole carcasses condemned . . . .	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Carcasses of which some part or organ was condemned . . . .	5	Nil.	Nil.	8	Nil.	Nil.
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci . . . .	3.01	Nil.	Nil.	0.31	Nil.	Nil.
<i>Tuberculosis only.</i>						
Whole carcasses condemned . . . .	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Carcasses of which some part or organ was condemned . . . .	3	Nil.	Nil.	Nil.	1	Nil.
Percentage of the number inspected affected with tuberculosis . . . .	1.81	Nil.	Nil.	Nil.	0.75	Nil.
<i>Cysticercosis</i>						
Carcasses of which some part or organ was condemned . . . .	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Carcasses submitted to treatment by refrigeration . . . .	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Generalised and totally condemned	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.

Total weight of meat condemned—T.B.—70 lbs. ; Other Diseases 40 lbs. Total 110 lbs.

## NANT CONWAY RURAL DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies	-	-	-	-	-	-	-	-	-	-
Retailing Milk Carts ..	22	22	22	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
*Private Slaughter House..	2	3	-	-	-	-	-	-	-	-
Meat Shops .. ..	5	5	5	-	-	-	-	-	-	-
Retailing Meat Carts ..	6	6	6	-	-	-	-	-	-	-
Factory Bakehouses ..	1	1	1	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops .. ..	17	17	17	-	-	-	-	-	-	-
Retailing Bread Vans ..	3	3	3	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	15	10	10	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. ..	4	3	4	-	-	-	-	-	-	-
Workplaces .. ..	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises..	-	-	-	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	56	132
B.—Occupying premises outside the District, and importing milk into the District .. ..	3	2	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered-only .. ..	-	-	-
Licensed .. ..	-	3	2
Total on Register .. ..	-	3	2

Note.—The District is without a Public Abattoir.

\*Private Slaughter Houses in use.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 6,100 compared with 6,060 in 1954.

The Birth Rate is 9.83 per 1,000 of the population in 1955 compared with 16.83 in 1954 and 12.88 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 66.67 per 1,000 live births compared with 37.03 in 1954 and 25.64 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 12.29 per 1,000 of the population compared with 10.73 in 1954 and 11.06 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is 0.491 per 1,000 of the population compared with 0.99 in 1954 and 0.33 per 1,000 of the population in 1953.

The Death Rate from Cancer is 1.803 per 1,000 of the population compared with 1.65 in 1954 and 1.81 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955, 97 cases of infectious diseases were notified viz., 24 Whooping Cough ; 62 Measles ; 10 Dysentery ; 1 Pneumonia.

## NUMBERS OF CASES IN AGE GROUPS OF MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES			
	Measles		Whooping Cough	
	M	F	M	F
Under 1 year .. ..	—	1	2	1
1— 2 years .. ..	2	2	2	2
3— 4 years .. ..	4	7	2	6
5— 9 years .. ..	16	18	6	3
10—14 years .. ..	6	3	—	—
15—24 years .. ..	—	2	—	—
25 and over .. ..	1	—	—	—
Age unknown .. ..	—	—	—	—
Totals .. ..	29	33	12	12

## SANITARY INSPECTOR'S REPORT.

(C. A. KORTEGAS, M.S.I.A.)

## WATER SUPPLY.

The Capel Curig Scheme was commenced during the year and completion is expected early in 1956.



LOWER CONWAY VALLEY SCHEME—The five small extensions schemes commenced during the year to supply small isolated groups of houses was completed.

TREFRIW.—No shortage occurred during the year, but daily consumption per head is still abnormal. The Council have approved the Consultant Engineers report on an improvement scheme.

#### SEWERAGE AND SEWAGE DISPOSAL.

ROWEN—Approval has been received for a scheme to serve this village.

#### REFUSE COLLECTION.

Difficulty is being experienced in obtaining sites suitable for use as refuse tips, necessitating long hauls, thereby increasing the cost and causing serious delays in collection of refuse.

#### HOUSING.

Work on 12 new houses started at Tynygroes.

## OGWEN RURAL DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Inform. Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecution<sup>s</sup></i>	<i>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies ..	143	148	50	-	-	-	-	-	-	-
Retailing Milk Carts ..	12	12	22	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	1	2	3	-	-	-	-	-	-	-
Retailing Meat Carts ..	7	7	17	-	-	-	-	-	-	-
Factory Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops .. .. .	4	4	14	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	5	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	7	9	7	-	-	-	-	-	-	-
Workshops (including Work- shop Bakehouses and Laundries .. .. .)	-	-	-	-	-	-	-	-	-	-
Workplaces .. .. .	1	1	1	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	25	123
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	-	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only .. .. .	-	-	-
Licensed .. .. .	-	-	-
Total on Register .. .. .	-	-	-

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1955.

The estimated population furnished by the Registrar General for June 1955 is 4,940 compared with 4,930 in 1954.

The Birth Rate is 13.77 per 1,000 of the population in 1955 compared with 14.20 in 1954 and 20.38 per 1,000 of the population in 1953.

The Infantile Mortality Rate is 14.71 per 1,000 live births compared with 28.57 in 1954 and 40.0 per 1,000 live births in 1953.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 17.81 per 1,000 of the population compared with 19.06 in 1954 and 13.87 per 1,000 of the population in 1953.

The Death Rate from Tuberculosis is Nil. per 1,000 of the population compared with 1.01 in 1954 and 0.40 per 1,000 of the population in 1953.

The Death Rate from Cancer is 4.656 per 1,000 of the population compared with 2.84 in 1954 and 1.42 per 1,000 of the population in 1953.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1955, 116 cases of infectious diseases were notified viz.; 2 Scarlet Fever ; 1 Whooping Cough ; 109 Measles ; 1 Poliomyelitis ; 3 Pneumonia.

## NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

<i>Age Group.</i>	NUMBER OF CASES.					
	<i>Scarlet Fever</i>		<i>Measles</i>		<i>Whooping Cough</i>	
	M	F	M	F	M	F
Under 1 year .. .. .	—	—	—	—	—	—
1— 2 years .. .. .	—	—	10	13	—	—
3— 4 years .. .. .	—	—	18	14	—	—
5— 9 years .. .. .	—	1	24	25	—	1
10—14 years .. .. .	1	—	1	2	—	—
15—24 years .. .. .	—	—	—	—	—	—
25 and over .. .. .	—	—	1	1	—	—
Age Unknown .. .. .	—	—	—	—	—	—
Totals .. .. .	1	1	54	55	—	1

## SANITARY INSPECTOR'S REPORT FOR YEAR 1955.

(G. RICHARDS, M.S.I.A., A.R.S.I.)

## DEATH OF MR. R. H. JONES.

The death occurred of Mr. R. H. Jones in July and the Council were without a Sanitary Inspector until Mr. G. Richards commenced duties on 1st October, 1955.

#### WATER SUPPLY.

28 Old houses were connected to the mains water supply during the year. Work is expected to commence shortly on the Aber Water Scheme.

#### SEWERAGE.

The new sewerage scheme for the Penrhosgarnedd area will soon commence as the preparatory work has now been done.

Additional properties in the Tregarth area have been connected to the sewer and bucket privies in these instances have consequently been done away with.

#### HOUSING.

Six Council houses were completed during the year in Aber and six families living in overcrowded conditions in the area have been re-housed.

During the year a great number of properties previously owned by the Penrhyn Estate were sold to the occupiers. The new owners have effected much improvement to these houses, and continued progress is being made.

Many property owners have taken advantage of the Improvement Grants Scheme under the Housing Acts, and six houses were completed during the year.

#### RODENT CONTROL.

The Bethesda Urban and Ogwen Rural Councils formed a Joint Council for the purpose of disinfestation in both areas. A rodent Officer was engaged and this work is progressing satisfactorily.

## CAERNARVON BOROUGH

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the fifteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No on Register</i>	<i>No. on Register previous year.</i>	<i>No of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies..	30	30	10	-	-	-	-	-	-	-
Retailing Milk Carts ..	15	15	40	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	3	3	8	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	991	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. ..	12	14	30	3	3	3	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	10	11	22	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops .. ..	22	22	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	6	6	20	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. ..	94	93	23	-	-	-	-	-	-	-
Workplaces .. ..	1	1	1	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	1	1	44	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

#### *Milk Dealers on the Register.*

	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	4	4	0
B.—Occupying premises outside the District, and importing milk into the District .. ..	4	3	0

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	<i>In Dec. 1953</i>	<i>In Dec. 1954</i>	<i>In Dec. 1955</i>
Registered only .. ..	-	-	-
Licensed (The Public Abattoir) .. ..	1	1	1
Total on Register .. ..	1	1	1

*Note.*—The District possesses a Public Abattoir.



## SUMMARY OF VITAL STATISTICS FOR 1955.

The estimated population for 1955 was 9,290 compared with 9,300 in 1954.

The Birth Rate, per 1,000 population was 15.18 as compared with 15.48 in 1954. The Rate for England and Wales was 15.00. The number of illegitimate births recorded during the year was 6; the same as in 1954.

The General Death Rate was 15.07 per 1,000 population compared with 11.72 in 1954. The Rate for England and Wales was 11.7.

As in 1954 there was no Maternal or Zymotic Mortality.

One death was caused by Tuberculosis; two less than 1954. The Rate, per 1,000 population, was 0.108. The Rate for England and Wales was 0.146.

There were 32 deaths caused by cancer during the year, making a Rate, per 1,000 population, of 3.445. 25 deaths were caused by cancer in 1954 making a rate of 2.86. The 1955 Rate for England and Wales was 2.056.

There was one death caused by Influenza during 1955 the same as 1954. The Mortality Rate for 1955 was 0.108 compared with 0.067 for England and Wales.

## INFECTIOUS DISEASES

The following cases were notified during the year.

Age Group	Whooping Cough		Measles		Poliomyelitis (Paralytic)		Poliomyelitis (Non- Paralytic)	
	M	F	M	F	M	F	M	F
Under 1 year .. .. .	1	1	-	-	-	-	-	-
1—2 years .. .. .	2	4	5	4	1	-	2	-
3—4 years .. .. .	1	1	-	6	-	-	-	1
5—9 years .. .. .	-	5	2	8	-	-	-	2
10—14 years .. .. .	1	-	-	2	-	1	-	-
15—25 years .. .. .	-	-	1	-	-	-	-	-
25 and over .. .. .	-	-	-	-	-	-	1	-
Age unknown .. .. .	-	-	-	-	-	-	-	-
Totals : .. .. .	5	11	8	20	1	1	3	3

Age Group	Typhoid		Dysentery		Food Poisoning		Paratyphoid	
	M	F	M	F	M	F	M	F
Under 5 years .. .. .	-	-	3	1	-	-	-	-
5—14 years .. .. .	-	-	10	4	-	-	1	-
15—44 years .. .. .	1	1	4	4	-	-	-	-
45—64 .. .. .	-	-	-	-	-	1	-	-
65 and over .. .. .	-	-	1	1	-	-	-	-
Age unknown .. .. .	-	-	1	-	-	-	-	-
Totals .. .. .	1	1	19	10	-	1	1	-

## REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1955.

(R. E. PRITCHARD)

The following table gives the number of Animals inspected and condemned at the Slaughter house :—

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed (if known) .. .. .	3769	961	41230	12151
Number inspected .. .. .	3769	961	41230	12151
All diseases except Tuberculosis. Whole carcasses condemned .. .. .	38	77	48	12
Carcases of which some part or organ was condemned .. .. .	1218	—	2310	312
Percentage of number inspected affected with disease other than tuberculosis .. .. .	33.2	8.01	5.6	2.66
Tuberculosis only—Whole carcasses condemned .. .. .	19	—	—	4
Carcases of which some part or organ was condemned .. .. .	121	—	—	374
Percentage of the number inspected affected with Tuberculosis .. .. .	3.71			3.02

## CATTLE.

31 Carcases and all offal	..	..	..	Oedema/Emaciation.
19 Carcases and all offal	..	..	..	Generalized Tuberculosis.
2 Carcases and all offal	..	..	..	Septic Pneumonia
1 Carcase and all offal	..	..	..	Septic Pericarditis.
4 Carcases and all offal	..	..	..	Other Causes.

## BONE TAINT

Imported	..	..	..	211 lbs.	Home Killed	..	..	..	57 lbs.
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## CATTLE—Continued.

2 Forequarters	..	..	..	..	Localised Tuberculosis.
10 Hindquarters	..	..	..	..	Fractured Pelvis.
131 Heads and Tongues	..	..	..	..	Localised Tuberculosis.
8 Heads and Tongues	..	..	..	..	Actinomycosis.
52 pairs of Lungs	..	..	..	..	Localised Tuberculosis.
3 Udders	..	..	..	..	Mammitis.
473 Livers	..	..	..	..	Angioma/Cysts/Cirrhosis/Abcesses.
301 Part Livers	..	..	..	..	Fluke.
21 Tripes	..	..	..	..	Inflammation/Decomposition.

## SHEEP AND LAMBS.

31 Carcases and all offal	..	..	..	Oedema/Emaciation.
9 Carcases and all offal	..	..	..	Injuries/Bruising
4 Carcases and all offal	..	..	..	Septic Conditions.
3 Carcases and all offal	..	..	..	Moribund.
1 Carcase and all offal	..	..	..	Dropsy/Febrile.
10 Portions and Trimmings	..	..	..	Bruising/Tumours.
1132 Plucks	..	..	..	Cystic Conditions, etc.
67 Other Organs	..	..	..	Abnormal Conditions.

## PIGS.

3 Carcases and all offal	..	..	..	Oedema and Emaciation.
4 Carcases and all offal	..	..	..	Toxaemia/Febrile.
4 Carcases and all offal	..	..	..	Generalized Tuberculosis.
2 Carcases and all offal	..	..	..	Swine Erysipelas.
3 Carcases and all offal	..	..	..	Moribund.
8 Hindquarters	..	..	..	Athrits.
101 Heads	..	..	..	Localised Tuberculosis.
24 Plucks	..	..	..	Cystic Conditions.
51 Livers	..	..	..	Abscesses/Necrosis.
9 Other Organs	..	..	..	Abnormalities.

## CALVES.

19 Carcases and all offal	..	..	..	Oedema/Emaciation.
49 Carcases and all offal	..	..	..	Immature.
2 Carcases and all offal	..	..	..	Umbilical Pyaemia.
5 Carcases and all offal	..	..	..	Extensive Bruising.
2 Carcases and all offal	..	..	..	Moribund.
25 Other Organs	..	..	..	Abnormal Conditions.

## OTHER FOODSTUFFS.

The following foodstuffs were voluntarily surrendered by wholesalers and other food shops in the Borough :—

Corned Beef, 30 tins ; Fruit, 468 tins ; Jam, 14 tins ; Vegetables and Soups, 377 tins ; Tomatoes, 83 tins ; Milk, 312 tins ; Baked Beans, 42 tins ; Meat and Meat Products and Meat Soups, 262 tins ; Fish, 77 tins ; Dried Egg, 82 lbs. ; Cooked Hams, 49 tins ; Bacon, 70 lbs. ; Frozen Peas, 40 lbs. ; Puddings, 7 tins ; Sausages 12 lbs. ; Pears, 25 lbs. ; Cheese, 4 lbs. ; Jam, 22 pots.

## DISINFECTION.

All premises where a case of infectious diseases had been notified were fumigated with formaldehyde gas. The homes of tuberculous patients removed to hospital were similarly treated.

## DRAINAGE.

The testing of drains laid to serve new houses, factories, Schools, etc., is carried out by the Public Health Department. During the year the drainage for two houses was tested and found satisfactory. Several notices were served on the owners of houses to clear choked drains and in one case a drain that served two houses and was continually giving trouble was attended to by the Surveyor's Department.

## FOOD HYGIENE.

Many visits have been made to Bakehouses, Shops, Cafes, Butchers Shops, Fishmongers, etc. After discussion with the owner or manager of several shops minor improvement have been carried out or new equipment purchased.

## RODENT CONTROL.

A rodent control service is maintained by the Council. During the year, Shops, Cafes, Hotels, Industrial premises and private houses have received attention. A free service is given to private dwelling houses, whilst a charge is levied on all other premises. During the year a new refuse tip was opened. The old refuse tip was treated three times and when completely free of Rodent infestation further tipping of refuse was prohibited by the Council. An extensive preparatory programme of Rodent Control has been carried out in the Borough. All manholes on the main sewers have been plotted on a map, several manhole covers were found to be buried, others corroded and not easy to raise. The first treatment will be carried out in 1956.

## HOUSING.

18 Non-traditional houses and 34 traditional houses were erected by the Council during the year. Two private houses were built. 11 applications for a grant under the Housing Act, 1949, were received. 9 grants were made, 2 applications having been withdrawn.

## CRICCIETH URBAN DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the fifteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those Premises Situated within the District</i>	<i>No. on Register</i>	<i>No. on Register previous year</i>	<i>No. of Visits or Inspections</i>	<i>No. of Premises found Defective</i>	<i>No. of Informal Notices</i>	<i>No. of these complied with</i>	<i>No. of Statutory Notices</i>	<i>No. of these complied with</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies	14	14	15	-	-	-	-	-	-	-
Retailing Milk Cars ..	3	3	10	-	-	-	-	-	-	3
Milk Shops (Dairy) ..	-	-	-	-	-	-	-	-	-	-
Public Slaughter-house ..	NOT IN USE									
Private Slaughter-house ..	-	-	-	-	-	-	-	-	-	-
Meat Shops ..	4	4	20	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	15	-	-	-	-	-	-	-
Workshop do. ..	-	-	-	-	-	-	-	-	-	-
Bread Shops ..	7	7	44	-	-	-	-	-	-	-
Retailing Bread Vans ..	4	4	10	-	-	-	-	-	-	-
Factories (including Bake-houses & Laundries) ..	5	5	5	-	-	-	-	-	-	-
Workshop (including Bake-houses and Laundries) ..	16	16	24	-	-	-	-	-	-	-
Workplaces ..	-	-	-	-	-	-	-	-	-	-
Home-workers premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register</i>	<i>Retailing only</i>	<i>Retailing and Producing</i>	<i>Wholeselling &amp; Producing</i>
A—Occupying premises within the District and Selling Milk within, or outside, or both .. ..	—	—	9
B—Occupying premises outside the District and importing milk into the District .. ..	2	—	—

### SLAUGHTER-HOUSES IN PAST AND PRESENT Use.

	<i>In December 1953</i>	<i>In December 1954</i>	<i>In December 1955</i>
Registered only .. .. .	—	—	—
Licensed (The Public Abattoir) .. .. .	—	—	—
Total in Register .. .. .	—	—	—

(Slaughter house destroyed by fire)



## SUMMARY OF VITAL STATISTICS FOR 1955.

The Estimated Population for 1955 was 1,510, the same as 1954.

The Birth Rate, per 1,000 population, was 11.26 as compared with 19.20 in 1954. The Birth Rate for England and Wales was 15.00. The General Death Rate, per 1,000 population, was 19.21 as compared with 16.55 in 1954. The Death Rate for England and Wales was 11.7.

As in 1954 there was no Maternal Mortality.

There was no Infant Mortality during 1955. The Rate for 1954, per 1,000 live births was 34.48.

There was no Zymotic Mortality.

There was no Tubercular Mortality during 1955. There was one death in 1954. The 1955 Rate for England and Wales was 0.146.

During the year, 4 deaths were caused by Cancer, two less than 1954. The Rate was 2.649 compared with the rate for England and Wales of 2.056.

## INFECTIOUS DISEASES.

The following cases were notified during the year :—

<i>Age Group</i>	<i>Scarlet Fever</i>		<i>Whooping Cough</i>		<i>Measles</i>	
	M	F	M	F	M	F
Under 1 year .. .. .	—	—	—	—	—	—
1— 2 years .. .. .	—	—	2	—	3	7
3— 4 years .. .. .	1	—	—	—	14	7
5— 9 years .. .. .	—	—	—	—	20	17
10—14 years .. .. .	—	—	—	—	3	1
15—24 years .. .. .	—	—	—	—	—	—
25 and over .. .. .	—	—	—	—	—	—
Age unknown .. .. .	—	—	—	—	1	1
Totals .. .. .	1	—	2	—	41	33

Age Group	Pneumonia		Food Poisoning	
	M	F	M	F
Under 5 .. ..	—	—	—	—
5 —14 years .. ..	—	—	—	—
15—44 .. ..	—	1	1	—
45—64 years .. ..	1	—	—	—
65 and over .. ..	—	—	—	—
Unknown .. ..	—	1	—	—
Totals : .. ..	1	2	1	—

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1955.  
(S. L. THOMAS).

GENERAL.

This is a year when nearly all the Council's efforts were directed into the work of making good the town's water supply.

Only four confirmed cases of Scarlet Fever occurred during the year, and three of them were from the same family ; each case was separately disinfected after its removal to hospital. No cases of vermin were found and only five premises were fumigated on request.

The Council's outdoor staff still consists of five workmen with one extra workman for the Season and in the year under review another workman was engaged for six weeks during July and August.

WATER SUPPLIES.

Despite the increase in flow of 2,000 gallons per hour to the town as a result of the re-boring of the main water pipe the supply was not adequate before and after the August Bank Holiday week. It was, however, noted that the time that the top part of the town was without water was considerably shortened. We were also able to notice by the readings on two new meters installed that the business end or lower part of the town demanded 6,000 gallons per hour over the peak period of the first week in August. This included an 800 gallons per hour night flow a lot of which has been eliminated by the location of two serious leakages which have now been repaired.

After completing a series of flow checks and the cutting of the main supply pipe for observation, the built up areas were located and submitted to the Council's Water Engineers for the purpose of boring these lengths. The Council, however, decided to bore and re-line the whole length of the water main and work commenced in September. After some initial difficulties the work proceeded smoothly and by the end of December the boring and re-coating had reached a point near Rhyd-y-Benllig Bridge with an increased flow at the scour valves which had been passed and also at the town.

This work of boring and coating is estimated to be completed between Easter and Whitsun of 1956.

Twelve Air Valves and twelve Scour Valves have been bought for insertion into the main at a later date.

The work of detecting leaks and the wastage of water is still carried out mainly between the hours of 11 p.m. to 4 a.m.

The Break Pressure tank has reduced the wastage in the lower part of the town to nearly 800 gallons per hour.  
539 visits were made during the year.

#### SEWERAGE.

No trouble was experienced during the year on the sewers. Inspections were made at the manholes when the sewers were test baited for rats.  
85 visits were made.

#### SCAVENGING.

All roads for which the Council are responsible were swept daily except for the Caernarvon Road which was under repair and resurfacing for a considerable time during this period.

The Council continued their policy of adding extra waste paper baskets again this year. An experimental waste paper basket was designed to prevent sea gulls and crows taking the paper and ice cream cartons out of the baskets early in the morning. This idea proved successful and more of this type of basket will be ordered in 1956.

#### RODENT CONTROL.

Only essential services and complaints were dealt with due to the amount of work done on water supplies. The town has a very small rat population.

#### PUBLIC CONVENIENCES.

All public conveniences are cleaned every morning throughout the year with re-visits during the day during the Summer season. A number of faulty fittings were replaced.  
91 visits were made.

#### FOOD INSPECTION.

Once again the existing high standard of food handling was maintained and I have the closest co-operation from the shopkeepers in the town in this work.

Only a few premises do not possess the certificate of the County Council's Scheme for the clean handling of food. The majority of those only require small items to be included.

The following footstuffs were found to be blown, damaged or decomposed in shops and hotels and were considered as unfit for human consumption ; surrender notes were issued.

28 tins of Ham.	7 tins of Shrimp.
48 tins of Meat.	4 tins of Smoked Salmon.
4 tins of Ox tongue.	31 packets of Desicated Coconut.
23 tins of Sheep Tongues.	5 tins of Full Cream Condensed Milk.
7 tins of Calves tongues.	11 tins of Evaporated Milk.
7 packets of Sausages.	10 tins of Soup.
33 tins of Grapefruit.	27 tins of Vegetable Salad.
5 tins of Apples.	6 tins of Orange Juice.
3 tins of Apricots.	12 tins of Tomato Puree.
3 tins of Pears.	3 jars of honey.
9 tins of Peaches.	13 Pork Pies.
6 tins of Prunes.	6 lbs. of Black Puddings.
11 tins of Strawberries.	80 Cod Fillets.
15 tins of Tomatoes.	127 lbs. of Home Killed Beef.
7 tins of Pears.	58 lbs. of fresh ham.
	17 lbs. of Sausages.

61 visits were made during the year.

#### CANCER RESEARCH.

I have volunteered, at the request of the County Medical Officer of Health, for the taking of soil samples from houses where deaths have occurred from Cancer. This scheme is conducted under the Scientific Advisory Committee of the British Empire Cancer Campaign. The samples are sent to the Agricultural Chemistry Department at Bangor for analysis.

# PWLLHELI BOROUGH

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appearing in common to all the fifteen Combined Districts.

## REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits on Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies ..	11	11	10	-	-	-	-	-	-	-
Retailing Milk Carts ..	9	9	18	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	342	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. ..	14	14	60	3	3	3	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses	8	8	24	-	-	-	-	-	-	-
Workshop Bakehouses }										
Bread Shops .. ..	16	16	32	1	1	1	-	-	-	-
Retailing Bread Vans ..	7	7	10	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Factories with Power ..	32	30	41	5	5	5	-	-	-	-
Factories without Power ..	1	1	3	-	-	-	-	-	-	-
Workplaces .. ..	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises	1	-	1	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Who selling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	1	-	11
B.—Occupying premises outside the District, and importing milk into the District .. ..	1	3	-

## SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only .. ..	-	-	-
Licensed (The Public Abattoir) .. ..	1	1	1
Total on Register .. ..	1	1	1

*Note.*—Public Abattoir only now in use

## SUMMARY OF VITAL STATISTICS FOR 1955.

The Estimated population for 1955 was 3,750 a decrease of 10 compared with 1954.

The Birth Rate, per 1,000 population, was 14.13 compared with 12.23 in 1954. The Birth Rate for England and Wales was 15.00.

The General Death Rate, per 1,000 of the population, was 20.80 compared with 21.80 in 1954. The Death Rate for England and Wales was 11.7. The high Death Rate for Pwllheli Borough is due to the fact that all Pwllheli Hospital deaths are allocated to the Borough.

As in 1954, there was no Zymotic or Maternal Mortality.

There was one Infant Death during the year making a Mortality Rate of 18.87 per 1,000 live Births. There was no Infant Mortality during the previous year. The 1955 Infant Mortality Rate for England and Wales was 24.9.

No deaths were caused by Tuberculosis during the year, compared with two during 1954.

Five deaths were caused by Cancer, 6 less than in 1954. The Cancer Death Rate per 1,000 of the Population was 1.333 compared with 2.056 for England and Wales.

As in 1954 no deaths were caused by Influenza.

## INFECTIOUS DISEASES.

The following cases were notified during the year.

<i>Age Group</i>	NUMBER OF CASES	
	<i>Measles</i>	
	M	F
Under 1 year ..	3	—
1— 2 years ..	12	9
3— 4 years ..	16	16
5— 9 years ..	20	23
10— 14 years ..	1	—
15—24 years ..	—	—
25 and over ..	—	—
Age Unknown ..	—	1
TOTAL ..	52	49



Age Group	Pneumonia		Erysipelas	
	M	F	M	F
Under 5 years ..	—	—	—	—
5—14 years ..	—	—	—	—
15—44 years ..	—	—	1	—
45—64 years ..	1	1	—	—
65 and over ..	—	2	1	—
Age Unknown ..	—	—	—	—
TOTALS ..	1	3	2	—

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1955.  
ERNEST JONES, M.S.I.A.

SOURCES.	TREATMENT.
Murcwymp—Springs.	Chlorination—Gas Plant M.S.V.C. Wallace & Tiernan Ltd.
Cwmceiliog—Upland Surface.	Chlorination and Soda Ash Plant.—Gas Plant M.S.V.C. Wallace & Tiernan Ltd.

No major trouble was experienced and the Borough together with the surrounding area had an uninterrupted supply of water throughout the year although the latter end of the summer and autumn was exceptionally dry.

During the year there was also the added demand of supplying the Royal National Eisteddfod field with water, where all the conveniences were water flushed, and the great influx of people into the town during the Eisteddfod Week.

The old 2" water main running through the village of Abererch was replaced with a new 3" Asbestos main for a distance of 450 yards and all the houses in the village are now connected to this new main, thus having an individual supply for the first time, previously there were only two stand-pipes off the old 2" main, one at each end of the village.

#### SEWERAGE.

Normal maintenance carried out.

#### HOUSING.

No new Council Houses were built during the year. Existing houses are maintained by the Council's own staff.

#### IMPROVEMENT GRANTS.

5 Improvement Grants were approved by the Council during the year.

## SCAVENGING.

Main streets are swept daily and other roads twice a week.

## REFUSE COLLECTION.

All premises within the Borough are cleared once a week. Houses in the central area, shops and bake houses twice a week. Extra collections are made from Fish Shops, Hotels and Boarding Houses during the summer months.

## INFECTIOUS DISEASES.

No serious epidemic occurred during the year.

## RESEARCH ON PATHOGENESIS (SOIL ANALYSIS).

At the request of the County Medical Officer of Health a number of soil samples were taken from specified houses in which deaths from cancer had occurred and these were sent for analysis to the Agricultural Chemistry Department of the University College of North Wales.

## RODENT CONTROL.

Systematic inspection of premises was carried out during the year and all infestations were treated with good results. All sewers receive full treatment twice annually and the Refuse Tip is treated every three months.

## ICE CREAM.

Six samples of Ice Cream were taken during the year and submitted for Bacteriological examination—4 of which were classified as Provisional Grade 1 and two as Provisional Grade 2.

## MEAT INSPECTION.

Pwllheli Abattoir is the slaughtering centre for the Borough and the southern part of the Llyn Peninsula. Much slaughtering is carried out during the evenings giving an additional burden to me as a Meat Inspector.

342 visits were made to the Abattoir during the year and the total number of animals slaughtered and meat condemned is as follows :

## CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<i>Cattle Exclud- ing Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number killed (if known) .. ..	590	85	47	4161	1172	—
Number inspected .. ..	590	85	47	4161	1172	—
<i>All diseases except Tuberculosis and Cysticerci</i>						
Whole carcasses condemned ..	—	2	2	—	—	—
Carcasses of which some part or organ was condemned. .. ..	201	71	—	85	10	—
Percentage of the number inspected affected with disease other than Tuberculosis and cysticerci ..	34.06	85.88	4.25	2.00	0.85	—
<i>Tuberculosis only.</i>						
Whole carcasses condemned ..	—	1	—	—	—	—
Carcasses of which some part or organ was condemned .. ..	26	8	—	—	12	—
Percentage of the number inspected affected with tuberculosis ..	4.40	10.58	—	—	1.02	—
<i>Cysticercosis.</i>						
Carcasses of which some part or organ was condemned .. ..	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration .. ..	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

## FOOD INSPECTION.

Steady progress is being made in modernising the food producing premises and running hot and cold water was installed in a number of shops again this year.

The following foods were condemned as unfit for human consumption :

59 tins Meat.	3 Steamed Puddings.
117 „ Vegetables.	4 Jars Jam.
92 „ Fruit.	5 „ Marmalade.
48 „ Milk.	1 „ Pickles.
9 „ Cream.	3 „ Horseradish.
14 „ Fish.	1 „ Mint.
7 „ Soup.	1 Pot Paste.
6 „ Coffee.	3 Bottle Sauce.
1 „ Syrup.	8 „ Browning.
11 „ Tomato Juice,	2 „ Lucozade.

4 „ Pineapple Juice.  
 7 „ Orange Juice.  
 1 „ Apricot Pulp.  
 2 Pkts Coconut.  
 3 „ Conflakes.  
 1 „ Sugar Puffs.  
 2 „ Puff Pastry.  
 1 „ Sponge Mixture.  
 3 „ Suet.

1 „ Coffee.  
 13 boxes Cheese.  
 50 lbs. Cheshire Cheese.  
 4 lbs Butter.  
 17 lbs. Rice.  
 8 lbs. Pearl Barley.  
 15 cwts. Carrots.  
 6 stone Herrings.  
 50 lbs. Halibut.

#### PUBLIC CONVENIENCES.

Plans were approved for a new Public Convenience in the South Beach, but owing to the credit squeeze the building of which has been deferred for another year.

Existing conveniences are well maintained.

#### CARAVAN SITES.

One new caravan site on the old Gimblet Rock Quarry was approved during the year. There are now three licensed caravan sites in the Borough all of which are connected to the town's water mains and they have water flushed lavatories.

# PORTMADOC URBAN DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts

## REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions.</i>	<i>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1955							
Cowsheds & Farm Dairies ..	27	29	22	-	-	-	-	-	-	-
Retailing Milk Carts ..	5	6	10	-	-	-	-	-	-	-
Milk Shops (Dairy Shops) ..	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	1	1	15	-	-	-	-	-	-	-
Meat Shops .. ..	9	9	25	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	12	-	-	-	-	-	-	-
Workshop Bakehouses ..	2	5	8	-	-	-	-	-	-	-
Bread Shops ..	10	10	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	2	4	6	-	-	-	-	-	-	-
Factories(including Factory Bakehouses & Laundries)	42	28	29	-	-	-	-	-	-	-
Laundries .. ..	-	-	-	-	-	-	-	-	-	-
Workplaces .. ..	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	26	-
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	2	-

## SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only .. ..	-	-	-
Licensed .. ..	1	1	1
Total on Register .. ..	1	1	1



## SUMMARY OF VITAL STATISTICS FOR 1955.

The Estimated Population for 1955 was 3,900, a decrease of 20 as compared with 1954.

The Birth Rate, per 1,000 population, was 14.87. The 1954 Birth Rate was 14.28. The Birth Rate for England and Wales was 15.00.

The General Death Rate for 1955 was 12.56, per 1,000 population, compared with 15.84 in 1954. The Death Rate for England and Wales was 11.7.

There was no Maternal Mortality during 1955.

As in 1954 there was no Zymotic Mortality.

There was one Infant Death during the year making a Rate, per 1,000 live births, of 17.24. The Rate for England and Wales was 24.9.

As in 1954, two deaths were caused by Tuberculosis. The Rate, per 1,000 population was 0.51. The Tubercular Mortality Rate for England and Wales was 0.146.

Five deaths were caused by Cancer during the year, one more than 1954. The Rate, per 1,000 population, was 1.282. The Rate for England and Wales was 2.056.

No deaths were caused by Influenza during the year.

## INFECTIOUS DISEASES.

The following cases were notified during the year.

<i>Age Group</i>	NUMBER OF CASES	
	<i>Measles</i>	
	M	F
Under 1 year ..		
1— 2 years ..		
3— 4 years ..	1	1
5— 9 years ..	10	6
10—14 years ..		
15—24 years ..		
25 years and over ..		
Age Unknown ..	1	1
TOTAL ..	12	8

1 Case of Scarlet Fever was also notified.

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1955.  
(LAURENCE DALE, M.R.S.I., M.S.I.A.)

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<i>Cattle</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number killed (if known) .. .. .	433	32	6702	877
Number inspected .. .. .	433	32	6702	877
<i>All diseases except Tuberculosis.</i>				
Whole carcases condemned .. .. .	—	—	—	—
Carcases of which some part or organ was condemned	103	—	75	3
Percentage of the number inspected affected with disease other than Tuberculosis .. .. .	23.7	—	1.1	0.3
<i>Tuberculosis only.</i>				
Whole carcases condemned .. .. .	1	—	—	—
Carcases of which some part or organ was condemned	20	—	—	2
Percentage of the number inspected affected with Tuberculosis .. .. .	4.8	—	—	0.2

Portmadoc's main problem is that of sewerage. The new sewerage plant is heavily overloaded because of the defective nature of many of the town's old sewers which permit the access of sub-soil water into the system. This water has to be dealt with by the pumps which are further embarrassed and damaged by sand which tends to be drawn in with the sub soil water. It is hoped that steady progress will be made in relaying the town's sewers in the future.

The Council has expressed itself in favour of proper controlled caravan sites. Some trouble is being caused by indiscriminate and ill-organised caravanning within the district. The powers of the authority to deal with this are barely adequate.

Some complaints of rat infestation were dealt with during the year within the limits of the amount allocated to rodent control each year. Efforts are made to keep the rodent population down to a minimum.

## GWYRFAI RURAL DISTRICT

Besides those pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appearing in common to all the fifteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions.</i>	<i>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
	1955	1954	1954							
Cowsheds & Farm Dairies ..	-	-	-	-	-	-	-	-	-	4
Retailing Milk Carts ..	27	27	27	-	-	-	-	-	-	-
Milk Shops (Dairy Shops) ..	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	1	1	2 to 4 days per week			-	-	-	-	-
Meat Shops .. .. .	27	31	58	-	-	-	-	-	-	-
Retailing Meat Carts ..	12	15	30	-	-	-	-	-	-	-
Factory Bakehouses ..	20	20	24	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	3	-	-	-	-	-	-	-	-
Bread Shops .. .. .	82	82	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	8	8	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	90	97	69	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and ..										
Laundries .. .. .	4	4	2	-	-	-	-	-	-	-
Workplaces .. .. .	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing.</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	4	-	-
B.—Occupying premises outside the District, and importing milk into the District .. .. .	4	2	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1953	In Dec. 1954	In Dec. 1955
Registered only (all in abeyance) .. .. .	-	-	-
Licensed .. .. .	1	2	1
*Total on Register .. .. .	1	2	1

## SUMMARY OF VITAL STATISTICS FOR 1955.

The Estimated population for 1955, 23,330, an increase of 60 over the 1954 figure.

The Birth Rate, per 1,000 population, was 11.79 compared with 13.79 in 1954. The Birth Rate, for England and Wales was 15.00.

The Death Rate was 16.03, per 1,000 population compared with 15.68 in 1954. The Rate for England and Wales was 11.7.

There was no Maternal Mortality during the year.

There was no Zymotic Mortality during the year. One death was caused by a Zymotic Disease during 1954.

Twelve deaths were caused by Tuberculosis, all Pulmonary, four less than 1954. The 1955 Tubercular Mortality Rate, per 1,000 population, was 0.514, compared with 0.68 in 1954. The 1955 Rate for England and Wales was 0.146.

Seventy one deaths were caused by Cancer, during the year, one more than the previous year. The Rate, per 1,000 population, was 3.043 compared with 3.00 in 1954. The Cancer Mortality Rate for England and Wales 2.056.

Two deaths were caused by Influenza, making a Rate ,per 1,000 population of 0.086. There were no deaths in 1954.

## INFECTIOUS DISEASES

The following cases were notified during the year :—

<i>Age Group</i>	<i>Scarlet Fever</i>		<i>Whooping Cough</i>		<i>Measles</i>		<i>Poliomyelitis (Paralytic)</i>	
	M	F	M	F	M	F	M	F
Under 1 year .. .. .	—	—	1	1	2	—	—	—
1—2 years .. .. .	—	—	4	3	14	11	1	—
3—4 years .. .. .	—	—	3	4	20	37	—	—
5—9 years .. .. .	1	1	8	6	72	63	—	1
10—14 years .. .. .	—	—	—	—	12	19	—	—
15—24 years .. .. .	—	—	—	—	1	2	—	—
25 years and over .. .. .	—	—	—	—	1	1	—	—
Age unknown .. .. .	—	—	—	—	2	2	—	—
Totals :	1	1	16	14	124	135	1	1

Age Group	Pneumonia		Dysentery		Para-typhoid		Erisipelas		Meningoccal Infection	
	M	F	M	F	M	F	M	F	M	F
Under 5 years	—	—	7	5	—	—	—	—	—	1
5—14 years ..	—	—	5	8	—	—	—	—	—	—
15—44 years ..	—	—	—	2	1	—	—	—	—	—
45—64 years ..	1	—	—	1	1	—	1	—	—	—
65 and over ..	1	—	—	1	—	—	—	1	—	—
Age unknown	—	—	—	—	—	—	—	—	—	—
Totals:	2	—	12	17	2	—	1	1	—	1

2 cases of Chicken pox were also notified.

## ANNUAL REPORT

(J. CLOSS PARRY, M.R.S.H., M.S.I.A.).

### 1. HOUSING.

The Council continues to be energetic in pushing forward their erection programme, and at the end of the year there are 1028 Council owned houses in the District. During the year, 46 houses were erected by the Council, and 8 houses were built by private enterprise.

As provided by the Housing Repairs & Rent Act, 1954, the Council encouraged all reasonable proposals for improvements to dwellinghouses. During the year 97 grants were approved, of this number 84 were owner occupiers, and 13 for tenanted houses. This is the position generally throughout the country. It is regrettable that more owners of tenanted houses do not apply for the grant. Is the answer that the tenant is not willing to pay the increased rent applicable to net expenditure on such improvements? It is stated that the proportion of grants allowed in the large cities of England and Wales is 1 per 5,000 houses, and the rate in the Gwyrfai Council is 1 in 67 houses. Since the commencement of the scheme, 142 grants have been approved by the end of 1955 from approximately 6,500 houses.

The Council submitted to the Minister of Housing and Local Government, as requested under Section 1 Housing Repairs & Rent Act, 1954, their programme of Slum Clearance, which will deal with 394 dwellinghouses unfit for human habitation. Although there have not yet been any houses erected under this Act, the Council have been taking action under Section 11, Housing Act, 1936, in respect to 249 dwellinghouses since 1949, and during the year 50 houses were similarly dealt with. The tenants of most of these houses were either, rehoused in a new Council house, or were given the tenancy of a vacant Council house. 35 such houses were relet during the year.

### 2. SEWERAGE.

The work of providing Sewage Disposal schemes and new Sewers has been proceeding satisfactorily at Llanberis, Bethel, Cwm-y-Glo and Llanrug. It is expected that the Bethel and Llanberis schemes will be completed during 1956, and thus permit the Council to proceed in erecting much needed houses.

The Consulting Engineer has been preparing in detail the comprehensive scheme of Sewerage and Sewage Disposal for parts of the Parishes of Llanwnda and Llandwrog. This scheme will serve about 1,000 houses with a population of 4,500.



Instructions have also been given to the Consulting Engineer to prepare a comprehensive scheme for the Parish of Llanllyfni, which is long overdue.

The 14 disposal works now maintained throughout the district involved heavy expenditure, and the new schemes, in course of construction or proposed, will reduce the number of disposal works by more than half.

During the year the total expenditure on the maintenance of sewers, disposal works and small sewerage schemes was £9,375 equivalent to a rate of 3/7d. in the £.

### 3. WATER SUPPLY.

The district is well supplied with water but the dry summer emphasised the need to supplement the source of Mynydd Mawr, Waenfawr and Marchlyn.

The Council have had under consideration the extension of the Gors-y-Dafarn mains to the Carmel reservoir. If this is done it will relieve the anxiety of all concerned.

The new source at Bicell, Bontnewydd, to supplement the Bontnewydd and Llanfaglan supply was completed during the year. The Seler Ddu, Upper Clynnog scheme, was commenced to supply the sparsely populated agricultural area of the Parish of Clynnog, and to eliminate the existing unsatisfactory Tai Lon source.

36 samples of water were taken for Bacteriological Examination, 5 samples were not to the required standard, and certain works to improve the quality were carried out without delay. 2 Chemical samples were taken to bring the record of the Chemical Reports on the Council's sources fully up to date.

During the year the expenditure on the maintenance of water supply and works of improvement was £13,975, out of this amount £9,500 was received from water rates, and £3,390 from the general rate equivalent to rate of 1/4d. in the £.

### 4. SCAVENGING.

Refuse collection is undertaken throughout the whole area of the Council.

There are two 11 cu. yds. Dennis vehicles operating this work. Eight men are employed full time. The employees are provided with Boiler Suits, weather proof clothes and a constant supply of gloves. Soap and washing utensils are carried in the vehicles. The expenditure for the year was £7,976 an equivalent to a rate of 3/- in the £.

It is noticeable that the amount of refuse collected is increasing annually, and the cost could be kept down if the general public would help by burning all combustible refuse.

The Highway Authorities have provided a number of litter bins on our many miles of mountain roads and passes. This again has involved extra cost.

### 5. RODENT CONTROL.

The Council continues to employ a full-time operator on this work. Properties inspected included 70 local authority properties, 712 dwellinghouses, 177 business premises and 369 Farms, and as a result, 124 Minor infestations were discovered. The Council treated 139 premises.

### 6. MEAT AND FOOD INSPECTION.

#### MEAT INSPECTION.

Every effort is made to give 100% meat inspection at the Bacon Factory, Portdinorwic, and the following statistics show the extent of the work involved:—

During the year, 10,147 pigs were inspected at the Bacon Factory, Portdinorwic.

The following are the particulars of condemnation :—

	Number	Weight	%age of No. inspected condemned
<i>Diseases other than Tuberculosis</i>			
(a) Whole carcasses condemned ..	14	19 cwt. 11lb.	.137%
(b) Parts of carcasses or organs condemned ..	12	1 cwt. 1 qtr. 6lb.	.001%
<i>Tuberculosis only</i>			
(a) Whole carcasses condemned ..	61	4tons. 14cwt. 1qtr. 271lb	.601%
(b) Parts of carcasses or organs condemned ..	182	16cwt. 11lb.	1.79%
Total weight of meat condemned—			
(a) Tuberculosis only .. ..	5 tons.	10 cwt. 2 qtr.	—
(b) Other diseases .. ..	1 ton.	— 1 qtr.	17 lb.
-----			
	6 tons.	10 cwt. 3 qtr.	17 lb.
-----			

#### OTHER FOOD INSPECTED.

##### BLOWN, PIERCED OR DAMAGED TINS.

Tinned fruit .. ..	454 tins.
Baked Beans .. ..	32 „
Luncheon Meat .. ..	132 „
Tinned Tomatoes .. ..	112 „
Tinned Fish .. ..	36 „
Tinned Soups .. ..	94 „
Tinned Vegetables .. ..	256 „
Tinned Milk .. ..	119 „
Tinned Milk .. ..	56 „
Tinned Fruit .. ..	36 „

#### DECOMPOSITION.

Pork .. ..	241 lbs.
Lamb .. ..	274 „
Dry Fish .. ..	171 „
Dried Fruit .. ..	110 „
Fruits .. ..	82 „

#### UNWHOLESOME.

Boiled Ham .. ..	188 lbs.
Corned Beef .. ..	84 „
Tongue .. ..	18 „
Condensed Milk .. ..	41 „
Cheese .. ..	84 „
Jams .. ..	47 „
Butter .. ..	60 „
Pacon .. ..	140 „
Butcher's meat .. ..	102 „

Total weight of foods condemned—1 ton. 5 cwt. 3 qtr. 15 lbs.

## CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<i>Cattle Excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number killed (if any) .. ..	—	—	—	—	10147	—
Number inspected .. ..	—	—	—	—	10147	—
<i>All diseases except Tuberculosis and Cysticerci</i> ..						
Whole carcasses condemned ..	—	—	—	—	14	—
Carcasses of which some part or organ was condemned .. ..	—	—	—	—	12	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ..	—	—	—	—	0.25	—
<i>Tuberculosis only.</i> .. ..						
Whole carcasses condemned ..	—	—	—	—	61	—
Carcasses of which some part or organ was condemned .. ..	—	—	—	—	182	—
Percentage of the number inspected affected with tuberculosis ..	—	—	—	—	2.39	—
<i>Cysticercosis.</i>						
Carcasses of which some part or organ was condemned .. ..	—	—	—	—	Nil.	—
Carcasses submitted to treatment by refrigeration .. ..	—	—	—	—	Nil.	—
Generalised and totally condemned	—	—	—	—	Nil.	—

## LLEYN RURAL DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the District.

### REGULATED ESTABLISHMENTS.

<i>Those Premises situated within the District</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors From outside the District.</i>
	1 1955	2 1954	3 1955	4	5	6	7	8	9	10
Cowsheds and Farm Dairies ..	-	-	-	-	-	-	-	-	-	-
Retailing Milk Distributors ..	13	14	10	-	-	-	-	-	-	-
Milk Shops (Dairy Shops) ..	1	1	2	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
*Private Slaughter House ..	3	3	21	-	-	-	-	-	-	-
Meat Shops .. ..	23	24	10	-	-	-	-	-	-	-
Retailing Meat Carts .. ..	8	5	10	-	-	-	-	-	-	-
Bakehouses .. ..	11	11	12	2	2	2	-	-	-	-
Bread Shops .. ..	48	52	30	-	-	-	-	-	-	-
Retailing Bread Vans .. ..	16	14	10	-	-	-	-	-	-	-
Factories (with M.P. and Laundries)	52	52	36	3	3	3	-	-	-	-
Workshops (without M.P.) ..	19	21	19	2	2	2	-	-	-	-
Workplaces .. ..	29	29	4	-	-	-	-	-	-	-
Home Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	1	1	3	-	-	-	-	-	-	-
Common Lodging Houses ..	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register</i>	<i>Retailing only</i>	<i>Retailing and Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside or both, ..	15	—	—
B.—Occupying premises outside the District and importing milk into the District .. ..	—	—	—

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1954	In Dec. 1955
Registered only .. ..	—	—	—
Licensed .. ..	1	1	3
Total on Register .. ..	1	1	3

## SUMMARY OF VITAL STATISTICS FOR 1955.

The Estimated Population for 1955 was 17,150, a decrease of 100 on the 1954 figure.

The Birth Rate was 11.75 per 1,000 population, compared with 11.92 in 1954. The Birth Rate for England and Wales was 15.00.

The General Death Rate, per 1,000 population was 13.79, compared with 16.27 for the previous year. The Death Rate for England and Wales was 11.7.

As in 1954 there was no Maternal Mortality.

As in 1954, one death was attributed to a Zymotic Disease, making a Zymotic Mortality Rate of 0.058. The 1954 Rate was 0.057.

During the year, there were three Infant Deaths, making an Infant Mortality Rate of 14.85. There were 13 deaths in 1954 and a Rate of 63.10. The 1955 Infant Mortality Rate for England and Wales, per 1,000 live births, was 24.9.

Three Deaths were caused by Tuberculosis (Pulmonary) making a Tubercular Mortality Rate of 0.175. There were seven deaths in 1954 and a Rate of 0.40. The Tubercular Mortality Rate for England and Wales for 1955 was 0.146.

Cancer caused 37 deaths during the year compared with 44 in the previous year. The Cancer Mortality Rate for 1955, was 2.152 compared with 2.056 for England and Wales.

## INFECTIOUS DISEASES

The following cases were notified during the year :—

Age Group	Scarlet Fever		Whooping Cough		Measles	
	M	F	M	F	M	F
Under 1 year .. .. .	—	—	1	—	4	—
1—2 years .. .. .	—	—	1	3	13	9
3—4 years .. .. .	—	—	5	2	18	20
5—9 years .. .. .	2	—	7	4	53	53
10—14 years .. .. .	—	—	—	—	3	4
15—24 years .. .. .	—	1	—	—	3	1
25 and over .. .. .	—	—	—	—	—	—
Age Unknown .. .. .	—	—	—	—	2	2
Total: .. .. .	2	1	14	9	96	89

Age Group	Pneumonia		Food Poisoning	
	M	F	M	F
Under 5 .. .. .	—	—	1	—
5—14 years .. .. .	—	—	—	—
15—44 years .. .. .	—	—	—	1
45—64 years .. .. .	—	—	1	—
65 and over .. .. .	1	—	—	—
Age Unknown .. .. .	—	—	—	2
Totals .. .. .	1	—	2	3

1 case of Puerperal Pyrexia was also notified.



## ANNUAL REPORT 1955.

## REPORT OF THE SANITARY INSPECTORS AND SURVEYORS

(E. E. ROBERTS, M.R.S.H. AND C. JONES, Cert. R.S.H)

## HOUSING.

During the year many landlords have taken advantage of the facilities afforded to them under the Housing Acts 1949—1954. The number of applications for certificates of disrepair under the Housing Act, 1954 has proved very disappointing so far and it is felt that more encouragement should be given to landlords to avail themselves of this opportunity to maintain their property with a guarantee of an increased rental.

Owing to the restriction on capital expenditure ; the increased building costs and the difficulty in obtaining suitable sites, the Council feel that they cannot at present embark on a major slum clearance programme.

The maintenance of the Council's housing estates amounting to over 500 houses, is the direct responsibility of the Sanitary Inspectors and incurs a considerable amount of daily inspections.

## REFUSE COLLECTION AND DISPOSAL.

Refuse collection is being done by contract throughout the rural district involving the engagement of ten different contractors.

The disposal arrangements are confined to two centrally situated controlled tipping sites apart from the disposal in the following areas, viz :—

Llithfaen ; Llannor ; Trevor and Llanaelhaiarn.

The transport and disposal of night soil still remains a difficult problem under the existing methods of collection.

## SEWERAGE.

The control and maintenance of the numerous sewage disposal works dispersed over the rural district, involves quite a lot of supervisory work.

## DEVELOPMENT CONTROL AND BUILDING BYELAWS.

All applications in this respect received by the Council are duly investigated and reports submitted to the Council. The subsequent supervisory work cannot be properly carried out owing to the heavy burden of other more demanding duties.

## MEAT INSPECTION.

The three licensed slaughterhouses in the area are visited as often as circumstances permit, but great difficulty is, however, experienced owing to the irregular times of slaughtering.

## DISINFECTION.

Disinfection is regularly carried out as required in all cases of infectious diseases notified. Disinfectants are supplied free to all necessary cases.

## WATER SUPPLIES.

Periodical samples of water are taken from all sources of piped supplies as well as from numerous public wells during the course of the year.

## GENERAL.

We again feel that it is our duty to point out that, owing to the extent of our additional work and responsibilities (some of which, such as the maintenance of Council Estates and sewage works, are continually increasing), our primary duties as Sanitary Officers have to suffer to a degree which we feel merits some consideration by the Council.





